

## Product datasheet for **TL319764**

### Dermokine (DMKN) Human shRNA Plasmid Kit (Locus ID 93099)

#### Product data:

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | shRNA Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product Name:             | Dermokine (DMKN) Human shRNA Plasmid Kit (Locus ID 93099)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Locus ID:                 | 93099                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Synonyms:                 | UNQ729; ZD52F10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Vector:                   | pGFP-C-shLenti (TR30023)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| E. coli Selection:        | Chloramphenicol (34 ug/ml)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Mammalian Cell Selection: | Puromycin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Format:                   | Lentiviral plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Components:               | DMKN - Human, 4 unique 29mer shRNA constructs in lentiviral GFP vector(Gene ID = 93099).<br>5µg purified plasmid DNA per construct<br>29-mer scrambled shRNA cassette in pGFP-C-shLenti Vector, TR30021, included for free.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RefSeq:                   | <a href="#">NM_001035516</a> , <a href="#">NM_001126056</a> , <a href="#">NM_001126057</a> , <a href="#">NM_001126058</a> , <a href="#">NM_001126059</a> ,<br><a href="#">NM_001126061</a> , <a href="#">NM_001190347</a> , <a href="#">NM_001190348</a> , <a href="#">NM_001190349</a> , <a href="#">NM_001308380</a> ,<br><a href="#">NM_001308383</a> , <a href="#">NM_033317</a> , <a href="#">NR_033746</a> , <a href="#">NM_001352328</a> , <a href="#">NM_001352329</a> , <a href="#">NM_001352330</a> ,<br><a href="#">NM_001352331</a> , <a href="#">NM_001352332</a> , <a href="#">NR_147958</a> , <a href="#">NR_147959</a> , <a href="#">NM_001035516.1</a> ,<br><a href="#">NM_001035516.2</a> , <a href="#">NM_001035516.3</a> , <a href="#">NM_033317.1</a> , <a href="#">NM_033317.2</a> , <a href="#">NM_033317.3</a> ,<br><a href="#">NM_033317.4</a> , <a href="#">NM_001126059.1</a> , <a href="#">NM_001126059.2</a> , <a href="#">NM_001126058.1</a> , <a href="#">NM_001126058.2</a> ,<br><a href="#">NM_001126057.1</a> , <a href="#">NM_001126057.2</a> , <a href="#">NM_001126056.1</a> , <a href="#">NM_001126056.2</a> , <a href="#">NM_001190349.1</a> ,<br><a href="#">NM_001190348.1</a> , <a href="#">NM_001190347.1</a> , <a href="#">NM_001126061.1</a> , <a href="#">BC035311</a> , <a href="#">BC004493</a> , <a href="#">BC011886</a> ,<br><a href="#">BM923917</a> , <a href="#">NM_001190348.2</a> , <a href="#">NM_001126057.3</a> , <a href="#">NM_001126058.3</a> , <a href="#">NM_001126059.3</a> |
| UniProt ID:               | <a href="#">Q6E0U4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Summary:                  | This gene is upregulated in inflammatory diseases, and it was first observed as expressed in the differentiated layers of skin. The most interesting aspect of this gene is the differential use of promoters and terminators to generate isoforms with unique cellular distributions and domain components. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jun 2010]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| shRNA Design:             | These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact <a href="mailto:techsupport@origene.com">techsupport@origene.com</a> . If you need a special design or shRNA sequence, please utilize our <a href="#">custom shRNA service</a> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |



[View online >](#)

**Performance  
Guaranteed:**

OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at [techsupport@origene.com](mailto:techsupport@origene.com). Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).