

Product datasheet for **TL301160V**

TEF1 (TEAD1) Human shRNA Lentiviral Particle (Locus ID 7003)

Product data:

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| Product Type: | shRNA Lentiviral Particles |
| Product Name: | TEF1 (TEAD1) Human shRNA Lentiviral Particle (Locus ID 7003) |
| Locus ID: | 7003 |
| Synonyms: | AA; NTEF-1; REF1; TCF-13; TCF13; TEAD-1; TEF-1 |
| Vector: | pGFP-C-shLenti (TR30023) |
| Format: | Lentiviral particles |
| Components: | TEAD1 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10 ⁷ TU/ml. |
| RefSeq: | NM_021961 , NM_021961.1 , NM_021961.2 , NM_021961.3 , NM_021961.4 , NM_021961.5 , BC026959 , BC115398 , NM_021961.6 |
| UniProt ID: | P28347 |
| Summary: | This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's chorioretinal atrophy. Additional transcript variants have been described but their full-length natures have not been experimentally verified. [provided by RefSeq, May 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 techsupport@origene.com . If you need a special design or shRNA sequence, please utilize our custom shRNA service . |

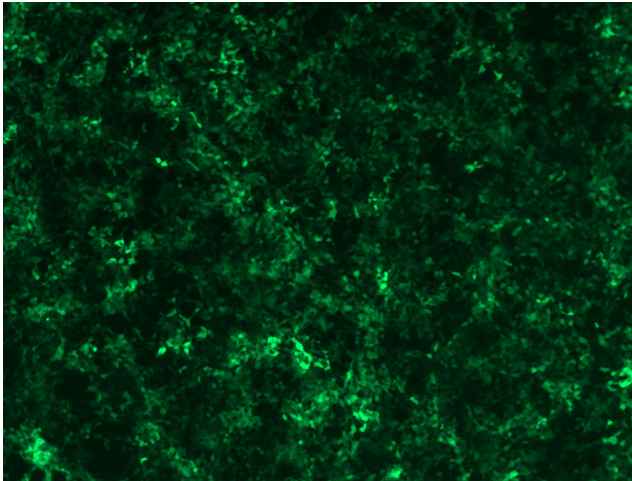


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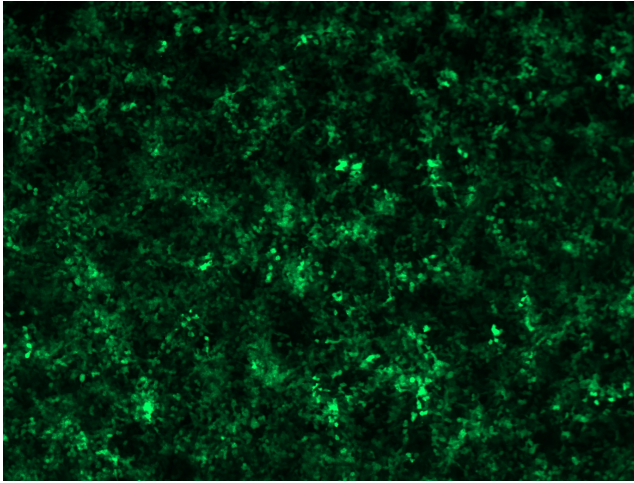
**Performance
Guaranteed:**

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.

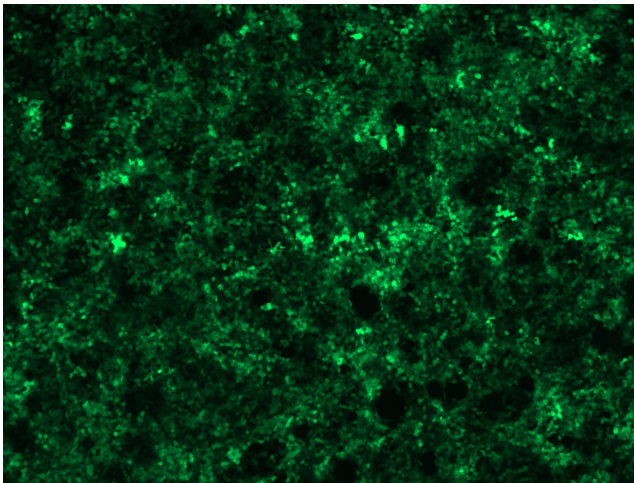
For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating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

Product images:

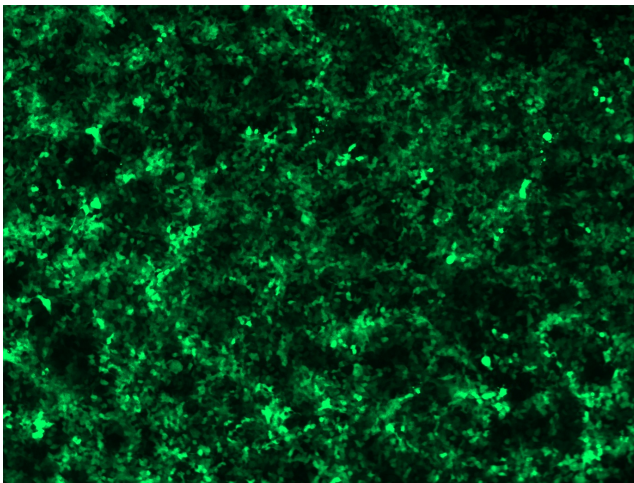
GFP signal was observed under microscope at 48 hours after transduction of TL301160A virus into HEK293 cells. TL301160A virus was prepared using lenti-shRNA TL301160A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL301160B virus into HEK293 cells. TL301160B virus was prepared using lenti-shRNA TL301160B and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL301160C] virus into HEK293 cells. [TL301160C] virus was prepared using lenti-shRNA [TL301160C] and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL301160D] virus into HEK293 cells. [TL301160D] virus was prepared using lenti-shRNA [TL301160D] and [TR30037] packaging kit.