**OriGene Technologies, Inc.**
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

# Product datasheet for TL318438V

## CCL4L1 Human shRNA Lentiviral Particle (Locus ID 388372)

### Product data:

| | |
|---|---|
| **Product Type:** | shRNA Lentiviral Particles |
| **Product Name:** | CCL4L1 Human shRNA Lentiviral Particle (Locus ID 388372) |
| **Locus ID:** | 388372 |
| **Synonyms:** | AT744.2; CCL4L; LAG-1; LAG1; MIP-1-beta; SCYA4L; SCYA4L1; SCYA4L2 |
| **Vector:** | pGFP-C-shLenti (TR30023) |
| **Format:** | Lentiviral particles |
| **Components:** | CCL4L2 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml. |
| **RefSeq:** | NM_207007, NR_111969, NM_207007.1, NM_207007.2, NM_207007.3, BC070310, BC070310.1, BC130456, BC130458, BC144393, BC144394, BC146445, BC146944, BC146958, BC148784, BC171857, BC171864 |
| **UniProt ID:** | P13236 |
| **Summary:** | This gene is one of several cytokine genes that are clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins that function in inflammatory and immunoregulatory processes. The protein encoded by this family member is similar to the chemokine (C-C motif) ligand 4 product, which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals, where most individuals have one to five copies. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014] |
| **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).