

Product datasheet for **RC222242L2V**

Flt3 ligand (FLT3LG) (NM_001459) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Flt3 ligand (FLT3LG) (NM_001459) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Flt3 ligand |
| Synonyms: | FL; FLG3L; FLT3L |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_001459 |
| ORF Size: | 705 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222242). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_001459.2 |
| RefSeq Size: | 1074 bp |
| RefSeq ORF: | 708 bp |
| Locus ID: | 2323 |
| UniProt ID: | P49771 |
| Cytogenetics: | 19q13.33 |
| Protein Families: | Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane |
| Protein Pathways: | Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Pathways in cancer |



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MW: 26.4 kDa

Gene Summary: Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3LG controls the development of DCs and is particularly important for plasmacytoid DCs and CD8 (see MIM 186910)-positive classical DCs and their CD103 (ITGAE; MIM 604682)-positive tissue counterparts (summary by Sathaliyawala et al., 2010 [PubMed 20933441]).[supplied by OMIM, Jan 2011]