

Product datasheet for **RC222125L3V**

IL37 (NM_173203) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | IL37 (NM_173203) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | IL37 |
| Synonyms: | FIL1; FIL1(ZETA); FIL1Z; IL-1F7; IL-1H; IL-1H4; IL-1RP1; IL-23; IL-37; IL1F7; IL1H4; IL1RP1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_173203 |
| ORF Size: | 471 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222125). |
| 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_173203.1 , NP_775295.1 |
| RefSeq Size: | 604 bp |
| RefSeq ORF: | 474 bp |
| Locus ID: | 27178 |
| UniProt ID: | Q9NZH6 |
| Cytogenetics: | 2q14.1 |
| Protein Families: | Druggable Genome, Secreted Protein |
| MW: | 17.3 kDa |



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Gene Summary:

The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine can bind to, and may be a ligand for interleukin 18 receptor (IL18R1/IL-1Rrp). This cytokine also binds to interleukin 18 binding protein (IL18BP), an inhibitory binding protein of interleukin 18 (IL18), and subsequently forms a complex with IL18 receptor beta subunit, and through which it inhibits the activity of IL18. This gene along with eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. Five alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]