

Product datasheet for **RC210124L4V**

LIM2 (NM_030657) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | LIM2 (NM_030657) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | LIM2 |
| Synonyms: | CTRCT19; MP17; MP19 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_030657 |
| ORF Size: | 645 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210124). |
| 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_030657.2 |
| RefSeq Size: | 1001 bp |
| RefSeq ORF: | 648 bp |
| Locus ID: | 3982 |
| UniProt ID: | P55344 |
| Cytogenetics: | 19q13.41 |
| Protein Families: | Druggable Genome, Transmembrane |
| MW: | 24.2 kDa |


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Gene Summary:

This gene encodes an eye lens-specific protein found at the junctions of lens fiber cells, where it may contribute to cell junctional organization. It acts as a receptor for calmodulin, and may play an important role in both lens development and cataractogenesis. Mutations in this gene have been associated with cataract formation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]