

Product datasheet for **RC218508L2V**

Myosin IIIB (MYO3B) (NM_138995) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Myosin IIIB (MYO3B) (NM_138995) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MYO3B |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_138995 |
| ORF Size: | 4023 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC218508). |
| 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_138995.2 , NP_620482.2 |
| RefSeq Size: | 5529 bp |
| RefSeq ORF: | 4026 bp |
| Locus ID: | 140469 |
| UniProt ID: | Q8WXR4 |
| Cytogenetics: | 2q31.1 |
| Protein Families: | Druggable Genome, Protein Kinase |
| MW: | 151.6 kDa |



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Gene Summary:

This gene encodes one of the class III myosins. Myosins are ATPases, activated by actin, that move along actin filaments in the cell. This class of myosins are characterized by an amino-terminal kinase domain and shown to be present in photoreceptors. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]