

Product datasheet for **RC219483L3V**

MYO19 (NM_001033580) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | MYO19 (NM_001033580) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MYO19 |
| Synonyms: | MYOHD1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001033580 |
| ORF Size: | 951 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC219483). |
| 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_001033580.1 , NP_001028752.1 |
| RefSeq Size: | 1730 bp |
| RefSeq ORF: | 954 bp |
| Locus ID: | 80179 |
| UniProt ID: | Q96H55 |
| Cytogenetics: | 17q12 |
| MW: | 35.8 kDa |



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Gene Summary:

Actin-based motor molecule with ATPase activity that localizes to the mitochondrion outer membrane (PubMed:19932026, PubMed:23568824, PubMed:25447992). Motor protein that moves towards the plus-end of actin filaments (By similarity). Required for mitochondrial inheritance during mitosis (PubMed:25447992). May be involved in mitochondrial transport or positioning (PubMed:23568824).[UniProtKB/Swiss-Prot Function]