

Product datasheet for **RC217019L4V**

CLASP1 (NM_015282) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CLASP1 (NM_015282) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CLASP1 |
| Synonyms: | MAST1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_015282 |
| ORF Size: | 4614 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC217019). |
| 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_015282.1 |
| RefSeq Size: | 8089 bp |
| RefSeq ORF: | 4617 bp |
| Locus ID: | 23332 |
| UniProt ID: | Q7Z460 |
| Cytogenetics: | 2q14.2-q14.3 |
| MW: | 169.3 kDa |



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Gene Summary:

CLASPs, such as CLASP1, are nonmotor microtubule-associated proteins that interact with CLIPs (e.g., CLIP170; MIM 179838). CLASP1 is involved in the regulation of microtubule dynamics at the kinetochore and throughout the spindle (Maiato et al., 2003 [PubMed 12837247]).[supplied by OMIM, Mar 2008]