

## Product datasheet for **RC226849L3V**

### CLASP1 (NM\_001142274) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CLASP1 (NM_001142274) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CLASP1
Synonyms:	MAST1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001142274
ORF Size:	4413 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226849).
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. <a href="#">More info</a>
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:	<a href="#">NM_001142274.1</a>
RefSeq ORF:	4416 bp
Locus ID:	23332
UniProt ID:	<a href="#">Q7Z460</a>
Cytogenetics:	2q14.2-q14.3
MW:	161.9 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]