

Product datasheet for **RC227893L4V**

SH2B1 (NM_001145797) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SH2B1 (NM_001145797) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH2B1
Synonyms:	PSM; SH2B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145797
ORF Size:	2049 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227893).
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_001145797.1 , NP_001139269.1
RefSeq ORF:	2052 bp
Locus ID:	25970
UniProt ID:	Q9NRF2
Cytogenetics:	16p11.2
Protein Pathways:	Neurotrophin signaling pathway
MW:	72 kDa



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Gene Summary:

This gene encodes a member of the SH2-domain containing mediators family. The encoded protein mediates activation of various kinases and may function in cytokine and growth factor receptor signaling and cellular transformation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2009]