

Product datasheet for **RC229333L4V**

SH2B2 (NM_020979) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SH2B2 (NM_020979) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH2B2
Synonyms:	APS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020979
ORF Size:	2025 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229333).
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_020979.3
RefSeq ORF:	2028 bp
Locus ID:	10603
UniProt ID:	O14492
Cytogenetics:	7q22.1
Domains:	SH2, PH
Protein Families:	Druggable Genome
Protein Pathways:	Insulin signaling pathway, Neurotrophin signaling pathway



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MW: 72.1 kDa

Gene Summary: The protein encoded by this gene is expressed in B lymphocytes and contains pleckstrin homology and src homology 2 (SH2) domains. In Burkitt's lymphoma cell lines, it is tyrosine-phosphorylated in response to B cell receptor stimulation. Because it binds Shc independent of stimulation and Grb2 after stimulation, it appears to play a role in signal transduction from the receptor to the Shc/Grb2 pathway. [provided by RefSeq, Jun 2009]