

Product datasheet for **RC205069L4V**

SH2D1B (NM_053282) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SH2D1B (NM_053282) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SH2D1B
Synonyms:	EAT2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_053282
ORF Size:	396 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205069).
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_053282.4
RefSeq Size:	2553 bp
RefSeq ORF:	399 bp
Locus ID:	117157
UniProt ID:	O14796
Cytogenetics:	1q23.3
Protein Pathways:	Natural killer cell mediated cytotoxicity
MW:	15.3 kDa



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Gene Summary:

By binding phosphotyrosines through its free SRC (MIM 190090) homology-2 (SH2) domain, EAT2 regulates signal transduction through receptors expressed on the surface of antigen-presenting cells (Morra et al., 2001 [PubMed 11689425]).[supplied by OMIM, Mar 2008]