

Product datasheet for **RC218531L4V**

STXBP2 (NM_006949) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STXBP2 (NM_006949) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STXBP2
Synonyms:	FHL5; Hunc18b; MUNC18-2; pp10122; UNC18-2; UNC18B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006949
ORF Size:	1779 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218531).
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_006949.3
RefSeq Size:	1910 bp
RefSeq ORF:	1782 bp
Locus ID:	6813
UniProt ID:	Q15833
Cytogenetics:	19p13.2
Domains:	Sec1
Protein Families:	Stem cell - Pluripotency



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MW: 66.5 kDa

Gene Summary: This gene encodes a member of the STXBP/unc-18/SEC1 family. The encoded protein is involved in intracellular trafficking, control of SNARE (soluble NSF attachment protein receptor) complex assembly, and the release of cytotoxic granules by natural killer cells. Mutations in this gene are associated with familial hemophagocytic lymphohistiocytosis. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jan 2013]