

Product datasheet for **RC200347L2V**

Syntaxin 4 (STX4) (NM_004604) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syntaxin 4 (STX4) (NM_004604) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STX4
Synonyms:	p35-2; STX4A
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004604
ORF Size:	891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200347).
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_004604.3
RefSeq Size:	1494 bp
RefSeq ORF:	894 bp
Locus ID:	6810
UniProt ID:	Q12846
Cytogenetics:	16p11.2
Domains:	t_SNARE, SynN
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: SNARE interactions in vesicular transport

MW: 34.2 kDa

Gene Summary: Plasma membrane t-SNARE that mediates docking of transport vesicles. Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane. Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes (By similarity). May also play a role in docking of synaptic vesicles at presynaptic active zones.[UniProtKB/Swiss-Prot Function]