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Product datasheet for RC209124L3V

STX1B (NM_052874) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	STX1B (NM_052874) Human Tagged ORF Clone Lentiviral Particle
Symbol:	STX1B
Synonyms:	GEFSP9; STX1B1; STX1B2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_052874
ORF Size:	864 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC209124).`
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_052874.1
RefSeq Size:	4544 bp
RefSeq ORF:	867 bp
Locus ID:	112755
UniProt ID:	P61266
Cytogenetics:	16p11.2
Domains:	t_SNARE, SynN
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: SNARE interactions in vesicular transport

MW: 33.2 kDa

Gene Summary: The protein encoded by this gene belongs to a family of proteins thought to play a role in the exocytosis of synaptic vesicles. Vesicle exocytosis releases vesicular contents and is important to various cellular functions. For instance, the secretion of transmitters from neurons plays an important role in synaptic transmission. After exocytosis, the membrane and proteins from the vesicle are retrieved from the plasma membrane through the process of endocytosis. Mutations in this gene have been identified as one cause of fever-associated epilepsy syndromes. A possible link between this gene and Parkinson's disease has also been suggested. [provided by RefSeq, Jan 2015]