Product datasheet for RC200658L4V

Syntaxin 3 (STX3) (NM_004177) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Syntaxin 3 (STX3) (NM_004177) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Syntaxin 3
Synonyms:	STX3A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004177
ORF Size:	867 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200658).
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_004177.3
RefSeq Size:	6498 bp
RefSeq ORF:	870 bp
Locus ID:	6809
UniProt ID:	Q13277
Cytogenetics:	11q12.1
Domains:	t_SNARE, SynN
Protein Families:	Druggable Genome, Stem cell - Pluripotency, Transmembrane

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Protein Pathways:	SNARE interactions in vesicular transport
MW:	33.2 kDa
Gene Summary:	The gene is a member of the syntaxin family. The encoded protein is targeted to the apical membrane of epithelial cells where it forms clusters and is important in establishing and maintaining polarity necessary for protein trafficking involving vesicle fusion and exocytosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]