

## Product datasheet for **RC208207L4V**

### Syntaxin 2 (STX2) (NM\_001980) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Syntaxin 2 (STX2) (NM_001980) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Syntaxin 2
Synonyms:	EPIM; EPM; STX2A; STX2B; STX2C
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001980
ORF Size:	861 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208207).
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. <a href="#">More info</a>
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:	<a href="#">NM_001980.2</a>
RefSeq Size:	3343 bp
RefSeq ORF:	864 bp
Locus ID:	2054
UniProt ID:	<a href="#">P32856</a>
Cytogenetics:	12q24.33
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 product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]