

Product datasheet for SC128248

Syntaxin 2 (STX2) (NM_001980) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syntaxin 2 (STX2) (NM_001980) Human Untagged Clone
Tag:	Tag Free
Symbol:	STX2
Synonyms:	EPIM; EPM; STX2A; STX2B; STX2C
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001980 edited

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GGCCCGGCCGGAGGCAGCTCGGGACAGGCTTGAGCGGCGGGGCGCGCTGCCCGGCCGGCC
GGGATGCGGGACCGGCTGCCAGACCTGACGGCGTGTAGGAAGAATGATGATGGAGACACA
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CCTTCCCTCCCTCTCCCAGCTAGTTTGTGCTAATTAAGAGACCTTTTATACTGTTTTAT
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TTCCAGAGAAGCATAAAAGTATTCACTTTCCTGCCTTGCATTTCTGAAAGATTTTGGG
GAGATATTTTATGCATATTAATAAATTTGTTCTACTAGGAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_001980
- Insert Size:** 3200 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
- Reconstitution Method:**
1. Centrifuge at 5,000xg for 5min.
 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
 3. Close the tube and incubate for 10 minutes at room temperature.
 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
- RefSeq:** [NM_001980.2](#), [NP_001971.2](#)
- RefSeq Size:** 3343 bp

RefSeq ORF:	864 bp
Locus ID:	2054
UniProt ID:	P32856
Cytogenetics:	12q24.33
Domains:	t_SNARE, SynN
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes isoform (1).</p>