

Product datasheet for SC333999

Syntaxin 6 (STX6) (NM_001286210) Human Untagged Clone

Product data:

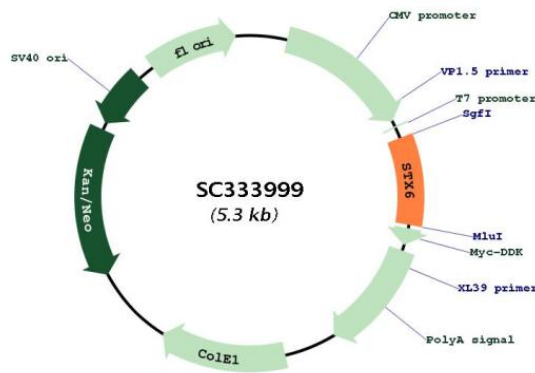
Product Type:	Expression Plasmids
Product Name:	Syntaxin 6 (STX6) (NM_001286210) Human Untagged Clone
Tag:	Tag Free
Symbol:	STX6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333999 representing NM_001286210. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAAAGATCAGATGTCAACTTCATCTGTGCAGGCATTAGCTGAAAGAAAAATAGACAGGCACTGCTG
GGAGACAGTGGCAGCCAGAAGTGGAGCACTGGAACAACAGATAAATATGGGCGTCTGGACCGAGAGCTC
CAGAGAGCCAATTCTCATTTTCATTGAGGAGCAGCAGGCACAGCAGCAGTTGATCGTGAACAGCAGGAT
GAGCAGTTGGAGCTGGTCTCTGGCAGCATCGGGGTGCTGAAGAACATGTCCAGCGCATCGGAGGGGAG
CTGGAGGAACAGGCAGTTATGTTGGAAGATTTCTCACGAATTGGAGAGCACTCAGTCCCGGCTGGAC
AATGTGATGAAGAACTTGCAAAGTATCTCATATGACCAGTATCGGGCCCAATGGTGTGCCATAGCC
ATCCTCTTTCAGTCTGTTGGTTGTGCTCATCCTCTTCTTAGTGCTGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001286210

Insert Size: 465 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_001286210.1
RefSeq Size:	4809 bp
RefSeq ORF:	465 bp
Locus ID:	10228
UniProt ID:	O43752
Cytogenetics:	1q25.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport
MW:	17.4 kDa
Gene Summary:	<p>Involved in intracellular vesicle trafficking.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and lacks a portion of the 5' coding region and uses a downstream start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus compared to isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>