

Product datasheet for **SC106099**

STX10 (BC017237) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STX10 (BC017237) Human Untagged Clone
Tag:	Tag Free
Symbol:	STX10
Synonyms:	hsyn10; SYN10; syntaxin 10
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC017237, the custom clone sequence may differ by one or more nucleotides

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ATGTCTCTCGAAGACCCCTTTTTGTAGTCCGAGGCGAGGTGCAGAAGCGGTGAACACGGCCCGGGC  
TGTACCAGCGCTGGTGGAGCTCCTGCAGGAAAGCGGGCGTTCGGACGCGAGGAGCTGGACTGGACGAC  
CAATGAGCTGCGGAATGGCCTGCGCAGCATCGAGTGGGACCTCGAGGACCTGGAAGAGACCATCGGTATA  
GTGGAAGCCAACCCAGGCAAGCCAGCTGCCAGAAGTCAACCAGCGACCTGCTGGATGCCAGCGCAGTCT  
CGGCCACATCTCGCTACATCGAGGAGCAGCAGGCCACACAGCAGCTGATCATGGATGAACAGGATCAACA  
GCTGGAGATGGTGTCTGGGAGCATCCAGTTCTGAAGCACATGTCCGGCCGCGTTGGAGAAGAGCTGGAC  
GAGCAGGGCATCATGCTGGATGCCTTCGCCAAGAGATGGACCACCCAGTCCCGCATGGACGGGTCC  
TCAGGAAGTTGGCCAAAGTATCCACATGACGAGTGACCGCCGACAGTGGTGTGCCATCGCCGTGCTAGT  
GGGGGTGCTTCTCCTCGTTCTCATCTTACTATTCTCTCTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC017237 unedited GGGGGCAACATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGCCGGGA GGGGGGTTCGGCCTGGGGGGGAAGGGACTGACATGTCTCTCGAAGACCCCTTTTTGTAG TCCGAGGCGAGGTGCAGAAGGCGGTGAACACGGCCCGCGGGCTGTACCAGCGCTGGTGCG AGCTCCTGCAGAAAGCGCGCGGTCCGACGCGAGGAGCTGGACTGGACGACCAATGAGC TGCGGAATGGCCTGCGCAGCATCGAGTGGGACCTCGAGGACCTGGAAGAGACCATCGGTA TAGTGGAAAGCCAACCCAGGCAAGTTCAAGCTCCCAGCCGGGACCTGCAGGAGAGAAAGG TGTTTCGTGGAGCGGATGCGAGAGGCAAGTCCAGGAAATGAAGGACCATATGGTCAGCCAA CAGCCGTAGCATTTTTGGAGAGGAATAACAGAGAGATACTCGCAGGCAAGCCAGCTGCC AGAAGTCAACCAGCGACCTGCTGGATGCCAGCGCAGTCTCGGCCACATCTCGCTACATCG AGGAGCAGCAGGCCACACAGCAGCTGATCATGGATGAACAGGATCAACAGCTGGAGATGG TGTCTGGGAGCATCCAGGTTCTGAAGCACATGTCCGGCCGCGTTGGAGAAGAGCTGGACG AGCANGGCATCATGCTGGATGCCTTCGCCAAGAGATGGACCACACCCAGTCCCAGTGG ACGGNGTCTCANGAAGTTGGCCAAAGTATCCCACATGACGAGTGGTGGTCCCCTCAAG GNGAGGGTCATTCCCTGTGGGGCAAGTTGTANGTTGTACCCNTTCCCCGTGACCCTGACC TCTTGTTCCAGACGNGACATGTGTGCCATCCCCGCTAGTGGGGGCTTCTCCCGGTCCA TCTACATTCTTTTTG
Restriction Sites:	NotI-NotI
ACCN:	BC017237
Insert Size:	1320 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:	<ol style="list-style-type: none"> 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:	BC017237.2 , AAH17237.1
RefSeq Size:	1179 bp
RefSeq ORF:	603 bp
Locus ID:	8677
Cytogenetics:	19p13.13
Domains:	t_SNARE
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport

Gene Summary:

This gene belongs to the syntaxin family and encodes a soluble N-ethylmaleimide sensitive factor attachment protein receptor (SNARE). The encoded protein is involved in docking and fusion events at the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]