

Product datasheet for SC117099

Syntaxin 8 (STX8) (NM_004853) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syntaxin 8 (STX8) (NM_004853) Human Untagged Clone
Tag:	Tag Free
Symbol:	STX8
Synonyms:	CARB
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for NM_004853 edited GAATTCGGCACGAGGGCAGGATGGCACCGACCCCTGGTTCTCCACATACGATTCTACTT GTCAAATTGCCCAAGAAATTGCTGAGAAAATCAACAACGAAATCAATATGAACGAAAAG GTGAAAAGGCACCAAGCTTACCGTGACAATCAGAGCTTTGTTGCAGAACCTGAAGGAAA AGATCGCCCTTTTGAAGGACTTATTGCTAAGAGCTGTGTCAACACATCAGATAACACAGC TTGAAGGGGACCGAAGACAGAACCTCTTGGATGATCTTGTAACTCGAGAGAGACTACTTC TGGCATCCTTTAAGAATGAGGGTGCCGAACCAGATCTAATCAGGTCCAGCCTGATGAGTG AAGAGGCTAAGCGAGGAGCACCCAACCTTGGCTCTTTGAGGAGCCAGAGGAGACCAGAG GCTTGGGTTTTGATGAAATCCGGCAACAGCAGCAGAAAATTATCCAAGAACAGGACGCAG GCCTTGATGCCCTTCTCTATCATAAGTCGCCAAAAACAAATGGGGCAGGAAATTTGGGA ATGAATTGGATGAACAAAATGAGATAATTGACGACCTTGCCAACCTAGTGGAGAACACAG ATGAAAAACTTCGCAATGAAACCAGCGGGTAAACATGGTGGACAGAAAGTCAGCCTCTT GTGGGATGATCATGGTGATTTTACTGCTGCTTGTGGCTATCGTGGTTGTTGCAGTCTGGC CGACCAACTGATGGCAGTAAAGAGACCACCAGCAGTGACACCTGGCAATGACAGATGCAA GCCCAACACCCCTTTTGGTACGCAAAACCTGCTCTCAATAAATTCCTCCAAAGCTCTGAAA AAAAAAAAAAAAAAAAAATCTCGAC



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004853 unedited GCAGGATTTAAAACCGACTACTGAAGCGGCCGCGCAATCGGCACGAGGGCAGGATGGT CCGGACCCTGGTTCTCCACATACGATTCTACTTGTCAAATTGCCAAGAAATTGCTGAG AAAATTCACAACGAAATCAATATGAACGAAAAGGTGAAAAGGCACCAAAGCTTACCCTG ACAATCAGAGCTTTGTTGCAGAACCTGATTGTATGTATCGCCCTTTTGAAGGACTTATTG CTAAGAGCTGTGTCAACACATCAGATAACACAGCTTGAAGGGGACCGAAGACAGAACCTC TTGGATGATCTTGAACCTCGAGAGAGACTACTTCTGGCATCCTTTAAGAATGAGGGTGCC GAACCAGATCTAATCAGGTCCAGCCTGATGAGTGAAGAGGCTAAGCGAGGAGCACCCAAC CCTTGGCTCTTTGAGGAGCCAGAGGAGACCAGAGGCTTGGGTTTTGATGAAATCCGGCAA CAGCAGCAGAAAATTATCCAAGAACAGGACGCAGGCCTTGATGCCCTTCTCTATCATA AGTCGCCAAAAACAAATGGGGCAGGAAATGGGAATGAATTGGATGAACAAAATGAGATA ATTGACGACCTTGCCAACCTAGTGGAGAACACAGATGAAAACTCGCAATGAAACCAGG CGGTAACATGGTGGACAGAAAGTCAGCCTCTGTGGGATGATCATGGTGATTTTACTG CTGCTTGTGGCTATCGCGCTGTTCAGTCTGGCCGACCAACTGATGGCAGTAAAGAGAA CACCAGCAGTGACACCTGGCAATGACAGATGCAAGCCCCACACCCTTTTGTACCGCAA ACCTGCTCTCAATAAATCCCCCAAGCTCCGAAAAAACAAAAAACCCGACTCTAG ATTGCGGGCGCGCCATAGCTGTTCCCTGACAGAAACG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_004853 unedited GCGGCACGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCAAAGCTTTGGGGGAATTT ATTGAGAGCAGGTTTTGCGTACCAAAGGTGTTGGGCTTGCATCTGTCATTGCCAGGTGT CACTGCTGGTGGTCTCTTACTGCCATCAGTTGGTCGGCCAGACTGCAACAACCACGATA GCCACAAGCAGCAGTAAATCACCATGATCATCCACAAGAGGCTGACTTCTGTCCACC ATGTTTACCCGCCTGGTTTCATTGCGAAGTTTTTCATCTGTGTTCTCCACTAGGTGGCA AGGTCGCAATTATCTCATTTTTGTTTCATCAATTCATTCCAATTTCTGCCCATTTGT TTTTGGCGACTTATGATAGAGGAAAGGGCATCAAGGCCTCGCTCCTGTTCTTGGATAATT TCTGCTGCTGTTGCCGATTTTCATCAAAACCCAAAGCCTCTGGTCTCCTCTGGCTCTCA AAGAGCCAAGGGTTGGTGCTCCTCGCTTAGCCTTCTCACTCATCAGGCTGGACCTGATT AGATCTGGTTCGGCACCCCTATTCTTAAAGGATGCCAGAAGTAGTCTCTCTCGAGTTACA AGATCATCCAAGAGGTTCTGTCTTCGGTCCCCTCAAGCTGTGTTATCTGATGTGTTGAC ACAGCTCTTAGCAATAAGTCCTTCAAAGGGCGATCTTTTCTCCAGGTTCTGCAACAAA GCTCTGATTGTACGGAAGCTTTGGTGCCTTTTACCTTTTCGTTTCATATTGGATTCCG TGTTGAATTTTCTCAACATTTCTTGGGCAATTTGACAGTAGAATCCGTATGTGGAGAA ACCAGGGTCCGTTGCCATCTGCCCTCGTCCGGAATTCGCGGCCGCCCTATATGAGGC GTATACAAAATTCTGACGTTTACTAAACGAGCTTGCTTAATAGACCCTCCACGACCCGNC TTACGCCATTGGGTAAAGG
Restriction Sites:	NotI-NotI
ACCN:	NM_004853
Insert Size:	800 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).
RefSeq:	NM_004853.1 , NP_004844.1
RefSeq Size:	979 bp
RefSeq ORF:	711 bp
Locus ID:	9482

UniProt ID: [Q9UNK0](#)

Domains: t_SNARE

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: SNARE interactions in vesicular transport

Gene Summary: The gene is a member of the syntaxin family. The encoded protein is involved in protein trafficking from early to late endosomes via vesicle fusion and exocytosis. A related pseudogene has been identified on chromosome 12. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein.