

Product datasheet for SC110675

SYT15 (NM_181519) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SYT15 (NM_181519) Human Untagged Clone
Tag:	Tag Free
Symbol:	SYT15
Synonyms:	CHR10SYT; sytXV
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF within SC110675 sequence for NM_181519 edited (data generated by NextGen Sequencing)

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ATGGCGGAGCAGCTGGCCCTGGTATTGGGGGCACCATCGGGGGCTGCTGCTGCTGCTG
TTGATCGGGGCAAGCTGCTGTCTGTGGAGAAGTTCTGTGCCACCCTCACCTATGAGGAG
CTGCCTGGGACACCAGCCATGGCCACCACAGCTGCCTCCAGTGGGCGAGCGGGACAGGCC
TGCCAGCCGCATGCTAGGACCCAAGTGCAGGACCAGCTGTGCCATTCTGTGGTGCC
CCAACCTTCAAGCCGAGATTGGGTGCCCTGCACAGTGGAGAGTGGGCCGATGCCCA
TGGGACCCTGCCGGCATCAGAGCTGCTGCCTCACACCTCCAGCGGCGCCTTGGAGAT
GCATGTATGGTGGGGCCATCAACCCAGAGCTGTACAAGTCCCGGAGGACAAAAGTGAG
ACCGACTTCCCGACGGCTGCCTGGGGCGCTGTGTTTCTCGGTGGAATATGAGCAGGAG
GCTGAGCGGCTGCTGGTGGGCTTATCAAGGCACAGCACCTGCAAGCCCCCTCGGAGGCC
TGCAGCCCCCTGGTGAAGCTCTACCTGCTGCCGATGAGCGGCGCTTCTCCAATCCAAG
ACCAAACGCAAAACCTCCAACCCGAGTTTGACGAGCACTTCACTTTTCAGGTGTCCAGC
AAGACCATCACCCAGAGGGTGTGAAGTTCTCCGTCTACCACGTGGACAGGCAGAGGAAG
CACCAGCTCCTGGGCCAGGTGCTTCCCTTGAAGAATGAGACCCTAGTGGGGGACTGC
CGGCGTGCATCTGGAGAGACCTGGAGGCCGAGAGCCTGGAGCCCCCTCGGAGTTTGGC
GACCTCCAGTTCTGCCTCAGCTACAACGACTACCTGAGCCGCTGACGGTGGTTGTGCTG
CGTGCCAAGGGCTCCGGCTCCAGGAGGACAGAGGCATTGTCAAGTGTGTTTGTCAAAGTG
TCTCTGATGAACCACAACAAGTTTGTCAAGTGCAAGAAGACTTCAGCTGTGTTGGCTCC
ATCAACCTGTGTACAATGAGACCTTCAAGTTCAGCTTCAAGGCCGATGCCACCGAGCTGGATACC
GCTAGCCTCAGCCTGACTGTGGTGCAGAACATGGAAGGGGACAAGCAGGCTACTACAGTG
GAACTGTTTCTGTTTCATCTGACATCCGGATAG
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Clone variation with respect to NM_181519.2
538 a=>g;1012 c=>t



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_181519 unedited GGATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCGCGCCGACAG CTGGGCACCAGCAGCACCACGGACCGCCCTGTGCTCGCCCGACGGCGCCCCGCGGCGCT TTAAGAGACGGCTGGCAGCCCAGCCCCAGCCCGCCAGACCGGCGAGACCAGCCTGCGGG AGCAGCCCCATGGCGGAGCAGCTGGCCCTGGTATTGGGGGACCATCGGGGGCTGCTG CTGCTGCTGTTGATCGGGGCAAGCTGCTGTCTGTGGAGAAGGTTCTGTGCCACCCTCACC TATGAGGAGCTGCCTGGGACACCAGCCATGGCCACCACAGCTGCCTCCAGTGGGCAGCGG GACAGGCCCTGCCAGCCGATGCTAGGACCCAAGTGGAGCAGGCCACCAGCTGTGCCATTC GTGGTGCCCCCAACCCTCAAGGCCGAGATTGGGTGCCCTGCACAGTGGAGAGTGGGCC GATGCCCCATGGGACCCCTGCCCGCATCAGAGCTGCTGCCTCACACCTCCAGCGGCGGC CTTGGAGATGCATGTATGGTGGGGCCATCAACCCAGAGCTGTACAAGTCCCGGAGGAC AAAAGTGAGACCGACTTCCCGACGGCTGCCTGGGGCGGGCTGTGGNTTCTCGGTGGAAA TATGAGCAGGAGCTGAGCGGCTGCTGGNTGGCTTGTATCAAGGCACAGCACCTGCAAGCC CCCTCGGAGGCCCTGCAGCCNCTGGGTGAAGCTCTACCTGCTGCCGATGAGCGGCGCTT CCTTCAATCCAGACCAACGCAAACCTCAACCCGAGTTGGACAGCACTCTTTTTTCAGT GTCACAACTCCCCAAAGAGGGGGGCGAAGATTCTC
Restriction Sites:	NotI-NotI
ACCN:	NM_181519
Insert Size:	1950 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_181519.2 , NP_852660.1
RefSeq Size:	1536 bp
RefSeq ORF:	1173 bp
Locus ID:	83849
UniProt ID:	Q9BQS2
Protein Families:	Transmembrane
Gene Summary:	<p>This gene encodes a member of the Synaptotagmin (Syt) family of membrane trafficking proteins. Members of this family contain a transmembrane region and a C-terminal-type tandem C2 domain. Unlike related family members, the encoded protein may be involved in membrane trafficking in non-neuronal tissues. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (b) contains an alternate 3' sequence, compared to variant a. The resulting isoform (b) contains a shorter and distinct C-terminus compared to isoform a.</p> <p>Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>