

Product datasheet for SC207000

Synaptotagmin 3 (SYT3) (NM_001160328) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Synaptotagmin 3 (SYT3) (NM_001160328) Human 3' UTR Clone
Symbol:	Synaptotagmin 3
Synonyms:	SytIII
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001160328
Insert Size:	538 bp
Insert Sequence:	>SC207000 3'UTR clone of NM_001160328 The sequence shown below is from the reference sequence of NM_001160328. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGACTATCAGAGAAAGAGAACTCCGAGTGAGGGGTCTGGCCTAGGCCCGGGATCGGACCAGGCTCCCTC
AGGACCCATCCTTTCTGCCCGACCGTGAATTCATCTCCTTGAAGCCATAACGTCGAGCTGCTGGT
GCGGGGCAGCCCTGGCCCTAGGCTTCTAACCCCTGGAAGCGAGAGATGAGAGGAGGCCGCCCAGCTC
CTTCTTTCAGGGTGGGGTCAATCAGCCTCCACTGTGTCTGTCTTTTCTCCCTGGGGCTCCCCCTCGA
GGCGAGGGGCCATGCATGTCTGGGGACCCCTGCCCCCAAAACCCTCTGTCTGTCTGTCTCTTTGC
TGTTTGTCCAAGACTCAGTGTCCCGACCCCTTGTCTCGCCGTGAATGTCAATGGGCAATCCTCTCTGT
CCTTTCAGACACACACACCTGTGTCCACCCCTTCTGTTCCGCCACCCCTGCGTCTGGCCGGTCCCC
CCACTGTCTGTCTATCAACGCCAGAATAAACACACTCTGTGGGTCTCACTCAA
ACGCGTAAGCGGCCCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001160328.2
Summary:	Ca(2+) sensor involved in Ca(2+)-dependent exocytosis of secretory vesicles through Ca(2+) and phospholipid binding to the C2 domain. Ca(2+) induces binding of the C2-domains to phospholipid membranes and to assembled SNARE-complexes; both actions contribute to triggering exocytosis (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003).[UniProtKB/Swiss-Prot Function]
Locus ID:	84258
MW:	19.4