

Product datasheet for **RC218334**

Syntabulin (SYBU) (NM_001099751) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syntabulin (SYBU) (NM_001099751) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Syntabulin
Synonyms:	GOLSYN; OCSYN; SNPHL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC218334 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGCCCTCCGCGAGAGCAAGGAGCACAGAGTGCAGCATCATGACAAGGAGATTTCTCGAAGCCGAA
TTCCCGGTTGATTCTTCGGCCCATATGCCCAACAACAGCACAAAGTGTCCCGAGCCTCTGAGTCTCC
TTTCTCTGAGGAAGAGAGCAGAGAGTTCAACCCAGCAGCTCTGGGCGCTCAGCGAGGACCGTTAGCAGC
AACAGTCTCTGCTCAGATGACACAGGCTGTCTAGCAGCCAGTCAGTGTCTCTGTGAAGACACCCTCAG
ATGCTGGAACAGCCCCATTGGCTTTTGCCTGGAAGTATGAAGGCTTCACCAGAAAGAAATGCACGAT
TGGAAATGGTTGGTGAAGGAAGCATTGAGTCTCTCGATATAAGAAGGAATCAAAGTCAGGCCCTTGTA
CCAGGTAGTGAAGCTGATTTAGTCTCTGAGCAGCACAGGCAGCATTCCGCTCCTGAGGTCCATATGT
CGACTCGGGGAAGCAAGCGGTCTTCTTTCACGCAATCGAGTCTCATGGGCGGAGTAATGGAGCTTC
GTCACACAAGCCTGGCAGCAGCCATCATCCCCGGGAAAAGGACCTTCTGTCCATGCTGTGCAGGAAT
CAGCTGAGCCCTGCAATATCCATCCCAGTTATGCACCTTCTTCCCAAGCAGTAGCAACTCAGGCTCCT
ACAAAGGAAGCGACTGTAGCCCCATCATGAGGCGTTCTGGAAGGTACATGTCTTGCGGTGAAATCATGG
TGTGAGACCCCAAAACCAGAGCAGTATTTGACTCCACTGCAGCAGAAAGAGGTGACAGTGAACACCTC
AAAACCAAGTGAAGGAATCTGAGCGCCGACTCCATGAAAGGGAAAGTGAATCGTGGAGCTTAAGTCCC
AGCTGGCCCGCATGCGAGAGGACTGGATTGAGGAGGAGTGTACCCGGGTAGAGGCCAGTTGGCACTCAA
AGAAGCCAGGAAAGAGATTAACAGCTCAAACAGTTCATCGAAACCATGCGGAGCAGCTTGGCTGATAAA
GATAAAGGCATTCAGAAATATTTTGTGGACATAAACATCCAAAACAAGAAGCTGGAGTCTCTCCTCAGA
GCATGGAGATGGCACACAGTGGCTCTCTGAGGGACGAACGTGCCTAGACTTTCCATGTGATTTCCCA
GAAGAGCTTAACCCTCAACCCCTCTTGACACAATGGCAGATGGGTTATCTCTGGAAGAGCAGGTCACG
GGGAAGGGGCTGACAGGGAGCTACTGGTAGGAGATAGCATAGCCAACAGCACAGATTTGTTGATGAGA
TAGTGACAGCCACCACAGAACTCTGGTGACCTGGAGCTTGTGCATTCCACCCCTGGGGCTAACGTCTC
GGAGCTGTGCCATAGTCATGGGTGAGGAGGGCAGTGTGGTGGTGGAGCGAGCCGTTGAGACCGAC
GTGGTGCCTACAGCCAGCCATCTCAGAGCTCATTGAGAGTGTGCTGCAGAAGTCCAGGACCCCTGTC
CCTCGAGCTTGGCGTCCCTGATGAGTCTGAACCAGACTCGATGGAGAGCTTCCAGAGTCCCTCTGTC
CTTAGTGGTTGATTTAACTCCAAGAAATCAAACCTCAGCCATCCTTTTGTCTCCCGTGGAGACCCCTAC
GCCAATGTGGATGCAGAAGTTCATGCAAACCGCTCATGAGAGAGCTGGATTTTGCAGCCTGCGTGAAG
AGAGGTTGGATGGTGTATCCCACTGGCTCGCGGGGGCGTGTGAGGAGTACTGGAGCAGCAGCTTCTC
GGTGGATCTCCTGGCTGTGGCTGCCCGTGGTCCCCACGGTTCTGTGGCATTCACTCAGAGAGGG
GGAACGGATCCTGTGTATAACATCGGGGCTTGTCTCAGGGGCTGTGCGTGGTGGCTGCATTCGCTCC
GCCGACCCGCTTCCGTATCAAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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_001099751.1](#), [NP_001093221.1](#)

RefSeq Size: 3094 bp

RefSeq ORF: 1989 bp

Locus ID: 55638

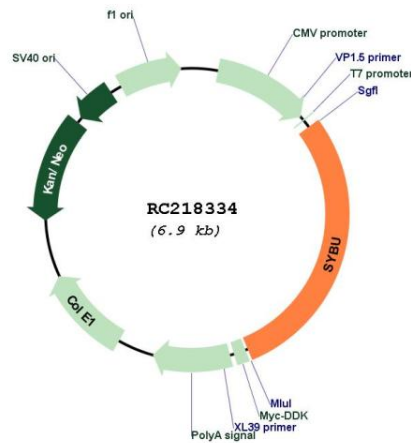
UniProt ID: [Q9NX95](#)

Cytogenetics: 8q23.2

MW: 72.3 kDa

Gene Summary: Syntabulin/GOLSYN is part of a kinesin motor-adaptor complex that is critical for the anterograde axonal transport of active zone components and contributes to activity-dependent presynaptic assembly during neuronal development (Cai et al., 2007 [PubMed 17611281]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RC218334