

Product datasheet for **RC218215**

Syntabulin (SYBU) (NM_001099750) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Syntabulin (SYBU) (NM_001099750) 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:

>RC218215 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGGCCCTCCGCGAGAGCAAGAAGGAGCACAGAGTGCAGCATCATGACAAGGAGATTTCTCGAAGCC
GAATTCGCCGTTGATTCTCGGCCCATATGCCCAACAACAGCACAAAGTGTCGCCAGCCTCTGAGTC
TCCTTTCTCTGAGGAAGAGAGCAGAGAGTTCAACCCAGCAGCTCTGGCGCTCAGCGAGGACCGTTAGC
AGCAACAGCTTCTGCTCAGATGACACAGGCTGTCTAGCAGCCAGTCAGTGTCTCCTGTGAAGACACCTT
CAGATGCTGGAACAGCCCCATTGGCTTTTGCCTGGAAGTGATGAAGGCTTACCAGAAAAGAAATGCAC
GATTGGAATGGTTGGTGAAGGAAGCATTAGTCTCTCGATATAAGAAGGAATCAAAGTCAGGCCTTGTG
AAACCAGGTAGTGAAGCTGATTTAGTCTCTGAGCAGCACAGGCAGCATTTCGCTCTGAGGTCCATA
TGTCGACTGCGGAAGCAAGCGTCTTCTTTCACGCAATCGAGTCTCATGGCGGAGTAATGGAGC
TTCGTCACACAAGCCTGGCAGCAGCCATCATCCCGCGGAAAAGGACCTTCTGTCCATGCTGTGCAGG
AATCAGCTGAGCCCTGTCAATATCCATCCAGTTATGCACCTTCTCCCAAGCAGTAGCAACTCAGGCT
CCTACAAAAGGAAGCGACTGTAGCCCATCATGAGGCGTTCTGGAAGGTACATGTCTTGCGGTGAAAATCA
TGGTGTGACAGCCCCAAACCCAGAGCAGTATTTGACTCCACTGCAGCAGAAAAGAGGTGACAGTGAGACAC
CTCAAAACCAAGCTGAAGGAATCTGAGCGCCGACTCCATGAAAGGGAAAGTGAATCGTGGAGCTTAAGT
CCCAGCTGGCCCGCATGCGAGAGGACTGGATTGAGGAGGAGTGTACCCGGTAGAGGCCAGTTGGCACT
CAAAGAAGCCAGGAAAGAGATTAACAGCTCAACAGGTATCGAAACCATGCGGAGCAGCTTGGCTGAT
AAAGATAAAGGCATTAGAAAATATTTGTGGACATAAACATCCAAAACAAGAAGCTGGAGTCTCTCCTTC
AGAGCATGGAGATGGCACACAGTGGCTCTCTGAGGGACGAACTGTGCCTAGACTTCCATGTGATTCCCC
AGAGAAGAGCTTAACCCTCAACCCCTCTTGACACAATGGCAGATGGGTTATCTCTGGAAGAGCAGGTC
ACGGGGGAAGGGGCTGACAGGGAGCTACTGGTAGGAGATAGCATAGCCAACAGCACAGATTTGTTGATG
AGATAGTGACAGCCACCACCACAGAATCTGGTACCTGGAGCTTGTGCATTCCACCCCTGGGGCTAACGT
CCTGGAGCTGCTGCCATAGTCAATGGTTCAGGAGGAGGGCAGTGTGGTGGTGGAGCGAGCCGTTACAGACC
GACGTGGTGCCTACAGCCAGCCATCTCAGAGCTCATTAGAGTGTGCTGCAGAAGCTCCAGGACCCCT
GTCCTCGAGCTTGGCGTCCCCTGATGAGTCTGAACCAGACTCGATGGAGAGCTTCCAGAGTCCCTCTC
TGCTTAGTGGTTGATTTAACTCCAAGAAATCCAAACTCAGCCATCCTTTTGTCTCCCGTGGAGACCCCT
TACGCAATGTGGATGCAGAAGTTCATGCAAAACCGCTCATGAGAGAGCTGGATTTTGCAGCCTGCGTGG
AAGAGAGGTTGGATGGTGTATCCCACTGGCTCGCGGGGGCGTGTGAGGCACTACTGGAGCAGCAGCTT
CCTGGTGGATCTCCTGGCTGTGGCTGCCCCGTTGGTCCCCACGGTCTGTGGGCATTAGTACTCAGAGA
GGGGGAACGGATCCTGTGTATAACATCGGGCCTTGTCTCAGGGGCTGTTGCGTGGTTGCCCTGCATTGCG
TCCGCGCACCGCCTTCGATCAAAACC

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_001099750.1](#), [NP_001093220.1](#)

RefSeq Size: 3129 bp

RefSeq ORF: 1992 bp

Locus ID: 55638

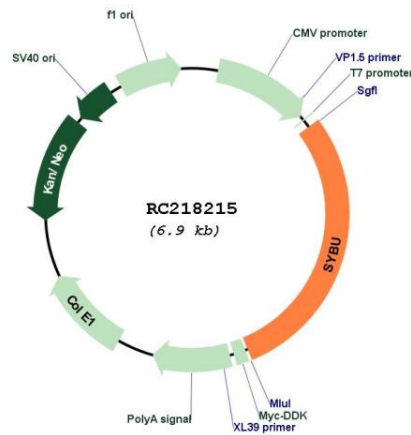
UniProt ID: [Q9NX95](#)

Cytogenetics: 8q23.2

MW: 72.4 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 RC218215