

## Product datasheet for **RC218387**

### Syntabulin (SYBU) (NM\_001099753) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Syntabulin (SYBU) (NM_001099753) 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:

>RC218387 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGGGGCCCTCCGCGAGAGCAAGGAGCACAGAGTGCAGCATCATGACAAGGAGATTTCTCGAAGCCGAA  
TTCCCGGTTGATTCTTCGGCCCATATGCCCAACAACAGCACAAAGTGTCCCGAGCCTCTGAGTCTCC  
TTTCTCTGAGGAAGAGAGCAGAGAGTTCAACCCAGCAGCTCTGGGCGCTCAGCGAGGACCGTTAGCAGC  
AACAGTCTCTGCTCAGATGACACAGGCTGTCTAGCAGCCAGTCAGTGTCTCTGTGAAGACACCCTCAG  
ATGCTGGAACAGCCCCATTGGCTTTTGCCTGGAAGTATGAAGGCTTACCAGAAAGAAATGCACGAT  
TGGAAATGGTTGGTGAAGGAAGCATTTCAGTCTCTCGATATAAGAAGGAATCAAAGTCAGGCTTGTGAAA  
CCAGGTAGTGAAGCTGATTTAGCTCCTCGAGCAGCACAGGCAGCATTTCGCTCCTGAGGTCCATATGT  
CGACTCGGGGAAGCAAGCGGTCTTCTTTCACGCAATCGAGTCTCATGGGCGGAGTAATGGAGCTTC  
GTCACACAAGCCTGGCAGCAGCCATCATCCCCGGGAAAAGGACCTTCTGTCCATGCTGTGCAGGAAT  
CAGCTGAGCCCTGCAATATCCATCCCAGTTATGCACCTTCTTCCCAAGCAGTAGCAACTCAGGCTCCT  
ACAAAGGAAGCGACTGTAGCCCCATCATGAGGCGTTCTGGAAGGTACATGTCTTGCGGTGAAAATCATGG  
TGTGACACCCCAAAACCAGAGCAGATTTGACTCCACTGCAGCAGAAAGAGGTGACAGTGAACACCTC  
AAAACCAAGTGAAGGAATCTGAGCGCCGACTCCATGAAAGGGAAAGTGAATCGTGGAGCTTAAGTCCC  
AGCTGGCCCGCATGCGAGAGGACTGGATTGAGGAGGAGTGTACCCGGGTAGAGGCCAGTTGGCACTCAA  
AGAAGCCAGGAAAGAGATTAACAGCTCAAACAGTTCATCGAAACCATGCGGAGCAGCTTGGCTGATAAA  
GATAAAGGCATTGAGAAATATTTGTGGACATAAACATCCAAAACAAGAAGCTGGAGTCTCTCCTTCAGA  
GCATGGAGATGGCACACAGTGGCTCTCTGAGGGACGAACGTGCCTAGACTTTCCATGTGATTTCCCGAGA  
GAAGAGCTTAACCCTCAACCCCTCTTGACACAATGGCAGATGGGTTATCTCTGGAAGAGCAGGTCACG  
GGGAAGGGGCTGACAGGGAGCTACTGGTAGGAGATAGCATAGCCAACAGCACAGATTTGTTGATGAGA  
TAGTGACAGCCACCACAGAACTCTGGTGACCTGGAGCTTGTGCATTCCACCCCTGGGGCTAACGTCTC  
GGAGCTGCTGCCATAGTCATGGGTGAGGAGGGCAGTGTGGTGGTGGAGCGAGCCGTTGAGACCGAC  
GTGGTGCCTACAGCCAGCCATCTCAGAGCTCATTAGAGTGTGCTGCAGAAGCTCCAGGACCCCTGTC  
CCTCGAGCTTGGCGTCCCTGATGAGTCTGAACCAGACTCGATGGAGAGCTTCCAGAGTCCCTCTGTC  
CTTAGTGGTTGATTTAACTCCAAGAAATCAAACCTCAGCCATCCTTTTGTCTCCCGTGGAGACCCCTAC  
GCCAATGTGGATGCAGAAGTTCATGCAAACCGCTCATGAGAGAGCTGGATTTTGCAGCCTGCGTGGAA  
AGAGGTTGGATGGTGTATCCCACTGGCTCGCGGGGGCGTGTGAGGAGTACTGGAGCAGCAGCTTCTC  
GGTGGATCTCCTGGCTGTGGCTGCCCGTGGTCCCCACGGTTCTGTGGGCAATCAGTACTCAGAGAGGG  
GGAACGGATCCTGTGATAACATCGGGGCTTGTCTAGGGGCTGTGCGTGGTGGCTGCATTGCTCC  
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\\_001099753.2](#)

**RefSeq Size:** 2895 bp

**RefSeq ORF:** 1989 bp

**Locus ID:** 55638

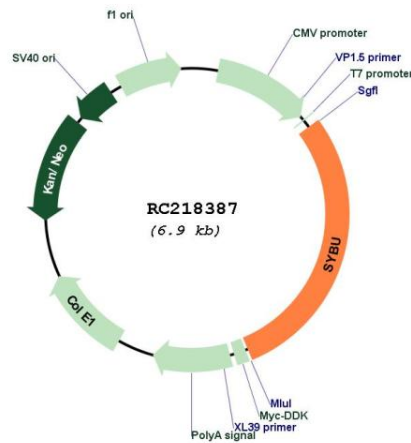
**UniProt ID:** [Q9NX95](#)

**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 RC218387