

## Product datasheet for **SC209476**

### Syntabulin (SYBU) (NM\_001099750) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Syntabulin (SYBU) (NM\_001099750) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** SYBU  
**Synonyms:** GOLSYN; OCSYN; SNPHL  
**ACCN:** NM\_001099750  
**Insert Size:** 958 bp  
**Insert Sequence:** >SC209476 3'UTR clone of NM\_001099750  
 The sequence shown below is from the reference sequence of NM\_001099750. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCCGCACCGCCTTCCGTATCAAAACCTAATAGAAAGTTGTTGTTACCGTGTGCCAATGTGTCCCATGT
GGGTTGTGCCAGGTAGAGAAACAGGAAGTCAATCATCTGTGACAGTCTCTATTCTGTCGTTTTGCTCCT
TGGTATTTGATTTGCACTATATTTAGTTGAAGCCTGTTCACTGTTTAAAACCGGAGGTATCTTCAAAGG
CATGGAGACCTGGTTCAGTAAATGTCCACCAGTGGGGTATAGAAAGCATGCTCATGACCTGCGGTG
TCGTCTGAGGTACCCGTTCTTATCCTAGTGGTTCAGGAAGAGAAAACGCAGTTTGCACTTCAAGACAG
CTTCTCTAAGGCTGGCATGTTATCTCCTTGCTTTGCTTTTTGCCGTTTTAAAATGTGAATTGTTCCAG
CATTCCAATGGTCTTGTGCATAGCAGGGGACTGTAACCAAAAATAAACATGTATTTGTGAATTGGTTT
GAAGAAGTCTTGAATAGCTCTTTACTGTCTTACTGGGGTTGATAAGATTTGAGTGTGCAATTTTTT
ACTAAATGTAGCTCCAAAGTCTTAAATGGCTTGTGTTCTTAACTGTTAATTGATGAACTGTGCAT
AAGTTTACAATGTACTAACTTATTTTGCTTATTATATATAGTGTGTTTATTGGAAATTGTAACCACACAC
TTCAGCATGATGAAAATAAGATTAGTGTTCATTTAAATAAATGTTTTATCCTCCCATAAAATAATA
ATTATTTCTGTGATTTTACTTCTATGTATAAGAAAGACAATGAATAGCAGATCTTACATCTTTATCAAT
AGGGGGTCTGTAAAATTGAATTAATTAAGGAAGAGGGAAAAAGAGTTAGTTATTAAGAAAATGAAGA
TTTCTACCCTTACTTAAAAGCATCATTTCTGAATAAAGTAGATTTGTTTACTTTTTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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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|--------------------|---|
| <b>Components:</b> | 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.  |
| <b>RefSeq:</b>     | <a href="#">NM_001099750.2</a>  |
| <b>Summary:</b>    | 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] |
| <b>Locus ID:</b>   | 55638   |
| <b>MW:</b>         | 36.9  |