

# Recombinant Full Length Human SYBU Protein, GST-tagged

Cat. No. SYBU-5454HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GOLSYN full-length ORF (BAA91121.1, 1 a.a. - 595 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	595 amino acids
<b>Description</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
<b>Molecular Mass</b>	91 kDa
<b>AA Sequence</b>	<p>MGPFWARKDDTGCPSSQSVSPVKTPSDAGNSPIGFPCGSDEGFTRKKCTIGMVGE          GSIQSSRYKKEKSKGLVKPGSEADFSSSSSTGSISAPEVHMSTAGSKRSSSSRNRG          PHGRSNGASSHKPGSSPSPREKDLLSMLCRNQLSPVNIHPSYAPSSPSSSSNSGSY          KGSDCSPIMRRSGRYMSCGENHGVRPPNPEQYLTPLQQKEVTVRHLKTKLKESER          RLHERESEIVELKSQLARMREDWIEEECHRVEAQLALKEARKEIKQLKQVIETMRSSL          ADKDKGIQKYFVDINIQNKKLESLLQSMEMAHSGSLRDELCLDFPCDSPEKSLTLNP          PLDTMADGLSLEEQVTGEGADRELLVGDSIANSTGLFDEIVTATTTESGDLELVHSTP          GANVLELLPIVMGQEEGSSVVVERAVQTDVVPYSPAISELIQSVLQKLQDPCPSSLAS          PDESEPDSMESFPESLSALVVDLTPRNPNSAILLSPVETPYANVDAEVHANRLMREL</p>

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DFAACVEERLDGVIPLARGGVVRQYWSSSFLVDLLAVAAPVVPTVLWAFSTQRGGT  
DPVYNIGALLRGCCVVALHSLRRTAFRIKT

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

SYBU syntabulin [ *Homo sapiens (human)* ]

**Official Symbol**

SYBU

**Synonyms**

SYBU; syntabulin; OCSYN; SNPHL; GOLSYN; syntabulin; GOLSYN A protein; GOLSYN B protein; GOLSYN C protein; Golgi-localized protein; golgi-localized syntaphilin-related protein; implicated in syntaxin trafficking in neurons; microtubule-associated protein; syntabulin (syntaxin-interacting); syntaxin-1-binding protein

**Gene ID**

55638

**mRNA Refseq**

NM\_001099743

**Protein Refseq**

NP\_001093213

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<b>MIM</b>	611568
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<b>UniProt ID</b>	Q9NX95
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