

Recombinant Full Length Human SYBU Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human GOLSYN full-length ORF (BAA91121.1, 1 a.a. - 595 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	595 amino acids
Description	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]
Molecular Mass	91 kDa
AA Sequence	MGPFWARKDDTGCPSSQSVSPVKTPSDAGNSPIGFCPGSDEGFTRKKCTIGMVGE GSIQSSRYKKESKGLVKPGSEADFSSSSSTGSISAPEVHMSTAGSKRSSSSSRNRG PHGRSNGASSHKPGSSPSSPREKDLLSMLCRNQLSPVNIHPSYAPSSPSSSNSGSY KGSDCSPIMRRSGRYMSCGENHGVRPPNPEQYLTPLQQKEVTVRHLKTKLKESER RLHERESEIVELKSQLARMREDWIEEECHRVEAQLALKEARKEIKQLKQVIETMRSSL ADKDKGIQKYFVDINIQNKKLESLLQSMEMAHSGSLRDELCLDFPCDSPEKSLTLNP PLDTMADGLSLEEQVTGEGADRELLVGDSIANSTGLFDEIVTATTTESGDLELVHSTP GANVLELLPIVMGQEEGSVVVERAVQTDVVPYSPAISELIQSVLQKLQDPCPSSLAS PDESEPDSMESFPESLSALVVDLTPRNPNSAILLSPVETPYANVDAEVHANRLMREL

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	DFAACVEERLDGVIPLARGGVVRQYWSSSFLVDLLAVAAPVVPTVLWAFSTQRRGT 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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MIM	611568
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UniProt ID	Q9NX95
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