Recombinant Human STXBP1 Protein, MYC/DDK-tagged

Cat. No. STXBP1-2987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STXBP1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	68.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	STXBP1 syntaxin binding protein 1 [Homo sapiens]

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Official Symbol	STXBP1
Synonyms	MUNC18-1; NSEC1; P67; RBSEC1; UNC18
Gene ID	6812
mRNA Refseq	NM_001032221
Protein Refseq	NP_001027392
MIM	602926
UniProt ID	P61764

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