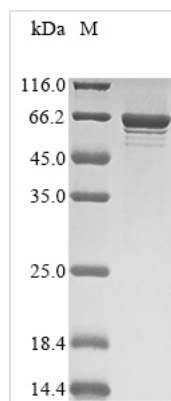




Recombinant Human Syntaxin-binding protein 1 (STXBP1)

Product Code	CSB-MP022905HU
Abbreviation	Recombinant Human STXBP1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P61764
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAPIGLKAVVGEKIMHDTVKKVKKKGWVKVLVVDQLSMRMLSSCCKMTDIMTE GITIVEDINKRREPLPSLEAVYLITPSEKSVHSLISDFKDPPTAKYRAAHVFFTD CPDALFNLVKSRAAKVIKLTLEINIAFLPYESQVYSLDSADSFQSFYSPHKAQM KNPILERLAEQIATLCATLKEYPAVRYRGEYKDNALLAQLIQDKLDAYKADDPT MGEGPDKARSQLLILDRGFDPSSPVLHELTFQAMSYDLLPIENDVYKYETSGIG EARVKEVLLDEDDDLWIALRHKHIAEVSQEVTRSLKDFSSSKRMNTGEKTTMR DLSQMLKKMPQYQKELSKYSTHLHLAEDCMKHYQGTVDKLCRVEQDLAMGT DAEGEKIKDPMRAIVPILLDANVSTYDKIRIILLYIFLKNGITEENLNKLIQHAQIPP EDSEIITNMAHLGVPIVTDSTLRRRSKPERKERISEQTYQLSRWTPIIKDIMEDI EDKLDTKHYPYISTRSSASFSTTAVSARYGHWKHNKAPGEYRSGPRLIIFILGG VSLNEMRCAYEVTQANGKWEVLIGSTHILTPQKLLDTLKKLNKTDEEISS
Research Area	Cancer
Source	Mammalian cell
Target Names	STXBP1
Protein Names	Recommended name: Syntaxin-binding protein 1 Alternative name(s): MUNC18-1 N-Sec1 Protein unc-18 homolog 1 Short name= Unc18-1 Protein unc-18 homolog A Short name= Unc-18A p67
Expression Region	1-594aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	68.6
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

To express the recombinant Human STXBP1 protein in mammalian cells, a DNA fragment encoding the Human STXBP1 protein (1-594aa) is inserted into a plasmid vector and transferred to the mammalian cells. Cells containing the plasmid are screened, cultured, and induced to express the STXBP1 protein. The protein carries a N-terminal 6xHis tag. Lysing the cells allows for the collection of the recombinant Human STXBP1 protein, which is purified through affinity purification and then identified through SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. The purity of the recombinant Human STXBP1 protein obtained is greater than 85%.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.