



Recombinant Rat Syntaxin-binding protein 1 (Stxbp1)

Product Code	CSB-EP022905RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P61765
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	<p>MAPIGLKAVV GEKIMHDVIK KVKKKGWVKV LVVDQLSMRM LSSCCKMTDI MTEGITIVED INKRREPLPS LEAVYLITPS EKSVHSLISD FKDPPTAKYR AAHVFFTDSC PDALFNELVK SRAAKVIKTL TEINIAFLPY ESQVYSLDSA DSFQSFYSPH KAQMKNPILE RLAEQIATLC ATLKEYPAVR YRGEYKDNAL LAQLIQDKLD AYKADDPTMG EGPDKARSQL LILDRGFDPS SPVLHELTFQ AMSYDLLPIE NDVYKYETSG IGEARVKEVL LDEDDDLWIA LRHKHIAEVS QEVTRSLKDF SSSKRMNTGE KTTMRDLSQM LKKMPQYQKE LSKYSTHLHL AEDCMKHYYQG TVDKLCRVEQ DLAMGTDAEG EKIKDPMRAI VPILLDANVS TYDKIRIILL YIFLKNIGITE ENLNKLIQHA QIPPEDSEII TNMAHLGVPI VTDSTLRRRS KPERKERISE QTYQLSRWTP IIKDIMEDI EDKLDTKHYP YISTRSSASF STTAVSARYG HWHKNKAPGE YRSGPRLIIF ILGGVSLNEM RCAYEVTQAN GKWEVLIGST HILTPQKLLD TLKKLNKTDE EISS</p>
Source	E.coli
Target Names	Stxbp1
Protein Names	Recommended name: Syntaxin-binding protein 1 Alternative name(s): N-Sec1 Protein unc-18 homolog 1 Short name= Unc18-1 Protein unc-18 homolog A Short name= Unc-18A p67 rbSec1
Expression Region	1-594
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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.