



Recombinant Human Beta-1-syntrophin (SNTB1)

Product Code	CSB-EP621699HU-B
Abbreviation	SNTB1
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.	Q13884
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AVAAAAAAA GPAGAGGGRA QRSGLLEVLV RDRWHKVLVN LSEDALVLSS EEGAAAYNGI GTATNGSFCR GAGAGHPGAG GAQPPDSPAG VRTAFTDLPE QVPESISNQK RGVKVLKQEL GGLGISIKGG KENKMPILIS KIFKGLAADQ TQALYVGDAI LSVNGADLRD ATHDEAVQAL KRAGKEVLE VKYMREATPY VKKGSPVSEI GWETPPPEPSP RLG GSTSDPP SSQSFSFHRD RKS IPLKMCY VTRSMALADP ENRQLEIHSP DAKHTVILRS KDSATAQAWF SAIHSNVNDL LTRVIAEVRE QLKGTGIAGS REIRHLGWLA EKVPGESKKQ WKPALVVLTE KDLLIYDSMP RRKEAWFSPV HTYPLLATRL VHSGPGKGGSP QAGVDLSFAT RTGTRQGIET HLFRAETSRD LSHWTRSIVQ GCHNSAELIA EISTACTYKN QECRLTIHYE NGFSITTEPQ EGAFPKTIIQ SPYEKLMSS DDGIRMLYLD FGGKDGEIQL DLHSCPPIV FIIHSFLSAK ITRLGLVA
Source	E.coli
Target Names	SNTB1
Protein Names	Recommended name: Beta-1-syntrophin Alternative name(s): 59 kDa dystrophin-associated protein A1 basic component 1 Short name= DAPA1B BSYN2 Syntrophin-2 Tax interaction protein 43 Short name= TIP-43
Expression Region	2-538
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 of Mature Protein
Target Details	Dystrophin is a large, rod-like cytoskeletal protein found at the inner surface of muscle fibers. Dystrophin is missing in Duchenne Muscular Dystrophy patients and is present in reduced amounts in Becker Muscular Dystrophy patients. This protein is a peripheral membrane protein found associated with dystrophin and dystrophin-related proteins. This gene is a member of the syntrophin gene family, which contains at least two other structurally-related genes.
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.