



# Recombinant Human Beta-1-syntrophin (SNTB1)

<b>Product Code</b>	CSB-EP621699HU-B
<b>Abbreviation</b>	SNTB1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q13884
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AVAAAAAAA GPAGAGGGRA QRSGLLEVLV RDRWHKVLVN LSEDALVLSS EEGAAAYNGI GTATNGSFCR GAGAGHPGAG GAQPPDSPAG VRTAFTDLPE QVPESISNQK RGVKVLKQEL GGLGISIKGG KENKMPILIS KIFKGLAADQ TQALYVGDAI LSVNGADLRD ATHDEAVQAL KRAGKEVLE VKYMREATPY VKKGSPVSEI GWETPPPEP RLGGSTSDPP SSQSFSFHRD RKSIPKMCY VTRSMALADP ENRQLEIHSP DAKHTVILRS KDSATAQAWF SAIHSNVNDL LTRVIAEVRE QLGKTGIAGS REIRHLGWLA EKVPGESKKQ WKPALVVLTE KDLLIYDSMP RRKEAWFSPV HTYPLLATRL VHSGPGKGGSP QAGVDLSFAT RTGTRQGIET HLFRAETSRD LSHWTRSIVQ GCHNSAELIA EISTACTYKN QECRLTIHYE NGFSITTEPQ EGAFPCTIIQ SPYEKLMSS DDGIRMLYLD FGGKDGEIQL DLHSCPPIV FIIHSFLSAK ITRLGLVA
<b>Source</b>	E.coli
<b>Target Names</b>	SNTB1
<b>Protein Names</b>	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
<b>Expression Region</b>	2-538
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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