Recombinant Human SNTB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNTB2-875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNTB2 MS Standard C13 and N15-labeled recombinant protein (NP_006741) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. The protein encoded by this gene 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.
Molecular Mass	57.8 kDa
AA Sequence	MRVAAATAAAGAGPAMAVWTRATKAGLVELLLRERWVRVVAELSGESLSLTGDAA AAELEPALGPAAAAFNGLPNGGGAGDSLPGSPSRGLGPPSPPAPPRGPAGEAGAS PPVRRVRVVKQEAGGLGISIKGGRENRMPILISKIFPGLAADQSRALRLGDAILSVNG TDLRQATHDQAVQALKRAGKEVLLEVKFIREVTPYIKKPSLVSDLPWEGAAPQSPSF SGSEDSGSPKHQNSTKDRKIIPLKMCFAARNLSMPDLENRLIELHSPDSRNTLILRCK DTATAHSWFVAIHTNIMALLPQVLAELNAMLGATSTAGGSKEVKHIAWLAEQAKLDG GRQQWRPVLMAVTEKDLLLYDCMPWTRDAWASPCHSYPLVATRLVHSGSGCRSP

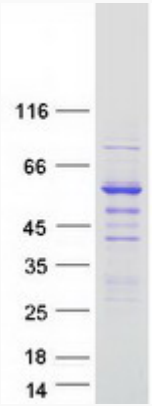
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	SLGSDLTFATRTGSRQGIEMHLFRVETHRDLSSWTRILVQGCHAAAELIKEVSLGCM LNGQEVRLTIHYENGFTISRENGGSSSILYRYPFERLKMSADDGIRNLYLDFGGPEG ELTMDLHSCPKPIVFVLHTFLSAKVTRMGLLVTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SNTB2 syntrophin beta 2 [Homo sapiens (human)]
Official Symbol	SNTB2
Synonyms	SNTB2; syntrophin, beta 2 (dystrophin-associated protein A1, 59kDa, basic component 2); D16S2531E, SNT2B2, SNTL, syntrophin, beta 2 (dystrophin associated protein A1, 59kD, basic component 2); beta-2-syntrophin; EST25263; SNT3; syntrophin-3; 59 kDa dystrophin-associated protein A1 basic component 2; dystrophin-associated protein A1, 59kD, basic component 2; SNTL; SNT2B2; D16S2531E;
Gene ID	6645

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mRNA Refseq	NM_006750
Protein Refseq	NP_006741
MIM	600027
UniProt ID	Q13425
SDS-PAGE	

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