

Recombinant Human SNTB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SNTB1-6027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SNTB1 MS Standard C13 and N15-labeled recombinant protein (NP_066301) 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	57.9 kDa
AA Sequence	MAVAAAAAAGPAGAGGGRAQRSGLLLEVLRDRWHKVLVNLSEDALVLSSEEGAA AYNGIGTATNGSFCRGAGAGHPGAGGAQPPDSPAGVRTAFTDLPEQVPESISNQK RGVKVLKQELGGLGISIKGGKENKMPILISKIFKGLAADQTQALYVGDAILSVNGADLR DATHDEAVQALKRAGKEVLLEV KYMREATPYVKKGSPVSEIGWETPPPEPRLGGS TSDPPSSQSFSFHRDRKSIPLKMCYVTRSMALADPENRQLEIHSPDAKHTVILRSKD SATAQAWFSAIHSNVNDLLTRVIAEVREQLGKTGIAGSREIRHLGWLAEKVPGESKK QWKPALVVLTEKDLLIYDSMPRRKEAWFSPVHTYPLLATRLVHSGPGKGSPQAGVD

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LSFATRTGTRQGIETHLFRAETSRDLSHWTRSIVQGCHNSAELIAEISTACTYKNQEC
RLTIHYENGFSITTEPQEGAFPKTIIQSPYEKCLKMSSDDGIRMLYLDFGGKDGEIQLDL
HSCPPIVFIIHSFLSAKITRLGLVATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 [SNTB1 syntrophin beta 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [SNTB1](#)

Synonyms SNTB1; syntrophin, beta 1 (dystrophin-associated protein A1, 59kDa, basic component 1); SNT2B1, syntrophin, beta 1 (dystrophin associated protein A1, 59kD, basic component 1); beta-1-syntrophin; 59 DAP; A1B; BSYN2; SNT2; tax interaction protein 43; TIP 43; syntrophin-2; 59 kDa dystrophin-associated protein A1 basic component 1; dystrophin-associated protein A1, 59kD, basic component 1; 59-DAP; DAPA1B; SNT2B1; TIP-43; FLJ22442; MGC111389;

Gene ID [6641](#)

mRNA Refseq [NM_021021](#)

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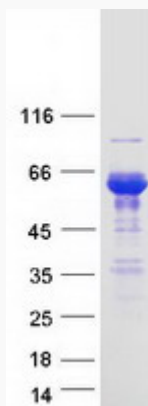
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Protein Refseq NP_066301

MIM 600026

UniProt ID Q13884

SDS-PAGE



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