

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

Cat. No. DTNB-1146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DTNB MS Standard C13 and N15-labeled recombinant protein (NP_899205) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes dystrobrevin beta, a component of the dystrophin-associated protein complex (DPC). The DPC consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and dystrobrevin alpha and beta. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin beta is thought to interact with syntrophin and the DP71 short form of dystrophin.
Molecular Mass	63.8 kDa
AA Sequence	MIEESGNKRKTMAEKRQLFIEMRAQNFDVIRLSTYRTACKLRQKRCNLHLVDIWN MIEAFRDNGLNTLDHTTEISVSRLETVISSIIYYQLNKRLPSTHQISVEQSISLLLNFMIA AYDSEGRGKLTVFSVKAMLATMCGGKMLDKLRYVFSQMSDSNGLMIFSKFDQFLKE VLKLPTAVFEGPSFGYTEHSVRTCFPQQRKIMLNMFLDTMMADPPPQCLVWLPLMH RLAHVENVFHPVECSYCRCESMMGFRYRCQQCHNYQLCQNCFWRGHAGGPHSN QHQMKEHSSWKSPAKKLSHAISKSLGCVPTREPPHPVFPEQPEKPLDLAHIVPPRPL TNMNDTMVSHMSSGVPTPTKSVLDSPSRLDEEHRLIARYAARLAAEAGNVTRPPTD

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LSFNFDANKQQRQLIAELENKNREILQEIQRLRLEHEQASQPTPEKAQQNPTLLAELR
LLRQRKDELEQRMSALQESRRELMVQLEELMKLLKAQATGSPHTSPTHGGGRPMP
MPVIRSTSAGSTPTHCPQDSLSGVGGDVQEAFQAEEGAEEEEEEKMQNGKDRGTR
TRPLEQKLISEEDLAANDILDYKDDDDKV

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 DTNB dystrobrevin beta [Homo sapiens (human)]

Official Symbol DTNB

Synonyms DTNB; dystrobrevin, beta; dystrobrevin beta; DTN-B; beta-dystrobrevin; MGC17163; MGC57126;

Gene ID 1838

mRNA Refseq NM_183361

Protein Refseq NP_899205

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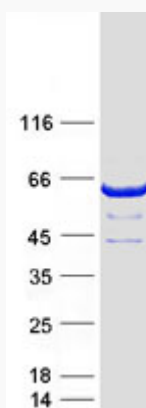
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MIM 602415

UniProt ID O60941

SDS-PAGE



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