

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

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

## SPECIFICATION

<b>Product Overview</b>	DTNB MS Standard C13 and N15-labeled recombinant protein (NP_899205) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	63.8 kDa
<b>AA Sequence</b>	MIEESGNKRKTMAEKRQLFIEMRAQNFDVIRLSTYRTACKLRFVQKRCNLHLVDIWN MIEAFRDNGLNLDHTTEISVSRLETVISSIIYYQLNKRLPSTHQISVEQSISLLLLNFMIA AYDSEGRGKLTVFSVKAMLATMCGGKMLDKLRYVFSQMSDSNGLMIFSKFDQFLKE VLKLPTAVFEGPSFGYTEHSVRTCFPQQRKIMLNMFLDTMMADPPPQCLVWLPMLH RLAHVENVFHPVECSYCRCESMMGFRYRCQQCHNYQLCQNCFWRGHAGGPHSN QHQMKEHSSWKSPAKKLSHAISKSLGCVPTREPPHPVFPEQPEKPLDLAHIVPPRPL TNMNDTMVSHMSSGVPTPTKSVLDSPSRLDEEHRLIARYAARLAAEAGNVTRPPTD

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LSFNFDANKQQRQLIAELENKNREILQEIQRLRLEHEQASQPTPEKAQQNPTLLAELR  
 LLRQRKDELEQRMSALQESRRELMVQLEELMKLLKAQATGSPHTSPHGGGRPMP  
 MPVIRSTSAGSTPTHCPQDSLSGVGGDVQEAFQAEEGAEKEEEMQNGKDRGTR  
 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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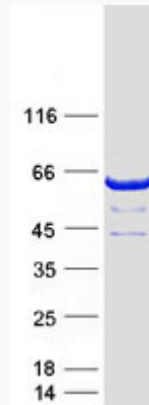
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MIM 602415

UniProt ID O60941

SDS-PAGE



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