

Recombinant Full Length Human DTNB Protein, GST-tagged

Cat. No. DTNB-4061HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DTNB full-length ORF (AAH16655.1, 1 a.a. - 560 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	560 amino acids
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. [provided by RefSeq, Mar 2016]
Molecular Mass	87.23 kDa
AA Sequence	MIEESGNKRKTMAEKRQLFIEMRAQNFDVIRLSTYRTACKLRVQKRCNLHLVDIWN MIEAFRDNGLNTLDHTTEISVSRLETVISSIIYYQLNKRLPSTHQISVEQSISLLLNFMIA AYDSEGRGKLTVFSVKAMLATMCGGKMLDKLRYVFSQMSDSNGLMIFSKFDQFLKE VLKLPTAVFEGPSFGYTEHSVRTCFPQQRKIMLNMFLDTMMADPPPQCLVWLPLMH RLAHVENVFHPVECSYCRCESMMGFRYRCQQCHNYQLCQNCFWRGHAGGPHSN QHQMKEHSSWKSPAKKLSHAISKSLGCVPTREPPHPVFPEQPEKPLDLAHIVPPRPL

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TNMNDTMVSHMSSGVPTPTKSVLDSPSRLDEEHRLIARYAARLAAEAGNVTRPPTD
LSFNFDANKQQRQLIAELENKNREILQEIQRLRLEHEQASQPTPEKAQQNPPTLLAELR
LLRQRKDELEQRM SALQESRRELMVQLEELMKLLKAQATGSPHTSPTHGGGRPMP
MPVRSTSAGSTPTHCPQDSL SGVGGDVQEAFQAEEGAEEEEEEKMQNGKDRG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name DTNB dystrobrevin, beta [Homo sapiens]

Official Symbol DTNB

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

Gene ID 1838

mRNA Refseq NM_001256303

Protein Refseq NP_001243232

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MIM	602415
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UniProt ID	O60941
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