# Recombinant Human DTNB Protein, His-tagged

**Cat. No.** DTNB-207H **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant Human DTNB(Met1~Glu249) fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Met1~Glu249 |
| **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. |
| **Form** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 32.6kDa |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | > 98% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |

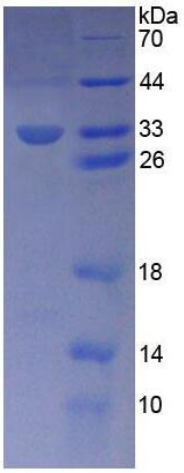
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| | If bio-activity of the protein is needed, please check active protein. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Reconstitution** | Reconstitute in PBS or others. |

## GENE INFORMATION

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| **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 |
| **MIM** | 602415 |
| **UniProt ID** | O60941 |

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15% SDS-PAGE

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