

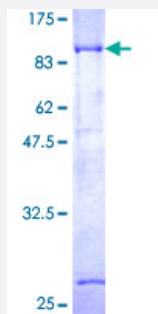
Full-Length

# DTNB (Human) Recombinant Protein (P01)

Catalog # H00001838-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human DTNB full-length ORF ( AAH16655.1, 1 a.a. - 560 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MIEESGNKRKTMAEKRQLFIEMRAQNFDVIRLSTYRTACKLRFVQKRCNLHLVDIWNMIEAFRDNG  
LNTLDHTTEISVSRLETVISSYYQLNKRLPSTHQISVEQSISLLNFMAAYDSEGRGKLTVFSVKAM  
LATMCGGKMLDKLRYVFSQMDSNGLMIFSKFDQFLKEVLKLPTAVFEGPSFGYTEHSVRTCFP  
QQRKIMLNMFOLDTMMADPPPQCLVWLPLMHLAHVENVFHPVECSYCRCESEMMGFRYRCQQC  
HNYQLCQNCFWRGHAGGPHSNQHQMKESHSSWKSPAKKLSHAISKSLGCVPTREPPHPVFPEQ  
PEKPLDLAHIVPPRPLTNMNDTMVSHMSSGVPTPTKSVLDSPSRLEEHRLIARYAARLAAEAGN  
VTRPPTDLSFNFDANKQQRQLAELENKNREILQEIQLRLLEHEQASQPTPEKAQQNPPTLLAELRL  
RQRKDELEQRMSALQESRRELMVQLEELMKLLKAQATGSPHTSPTHGGGRPMMPVVRSTSAGS  
TPTHCPQDSLGSVGGDVQEAFQAEEGAEEEEKMQNGKDRG

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

87.23

### Interspecies Antigen Sequence

Mouse (91); Rat (91)

### Preparation Method

[in vitro wheat germ expression system](#)

### Purification

Glutathione Sepharose 4 Fast Flow

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue.                              |
| Storage Buffer          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| Note                    | Best use within three months from the date of receipt of this protein.   |

## Applications

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

## Gene Info — DTNB

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">1838</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| GeneBank Accession# | <a href="#">BC016655.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Protein Accession#  | <a href="#">AAH16655.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Name           | DTNB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Gene Alias          | MGC17163, MGC57126                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gene Description    | dystrobrevin, beta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Omim ID             | <a href="#">602415</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Summary        | 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. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq] |
| Other Designations  | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |