

Recombinant Full Length Human DTNA Protein, GST-tagged

Cat. No. DTNA-4059HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DTNA full-length ORF (AAH05300, 1 a.a. - 371 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	371 amino acids
Description	The protein encoded by this gene belongs to the dystrobrevin subfamily of the dystrophin family. This protein is a component of the dystrophin-associated protein complex (DPC), which consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and alpha- and beta-dystrobrevin. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Mutations in this gene are associated with left ventricular noncompaction with congenital heart defects. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	66.55 kDa
AA Sequence	MIEDSGKRGNTMAERRQLFAEMRAQDLDRIRLSTYRTACKLRFVQKKCNLHLVDIW NVIEALRENALNNLDPNTELNVSRL EAVLSTIFYQLNKRMPTTHQIHVEQSI SLLL NFL LAAFDPEGHGKISVFAVKMALATLCGGKIMDKLRYIFSMISDSSGVMVYGRYDQFLR EVLKLPTAVFEGPSFGYTEQSARSCFSQQKKVTLNGFLDTLMSDPPPQCLVWLPLL

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HRLANVENVFHPVECSYCHSESMGFRYRCQQCHNYQLCQDCFWRGHAGGSHS
 NQHQMKEYTSWKSPAKKLTNALSLSLSCASSREPLHPMFDPQPEKPLNLAHIVPPR
 PVTSMNDTLFHSVSPSSGSPFITRSSDGAFGGCV

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

DTNA dystrobrevin, alpha [Homo sapiens]

Official Symbol

DTNA

Synonyms

DTNA; dystrobrevin, alpha; dystrobrevin alpha; D18S892E; DRP3; DTN; DTN 1; DTN 2; DTN 3; dystrophin related protein 3; dystrophin-related protein 3; DTN-A; LVNC1; FLJ96209;

Gene ID

1837

mRNA Refseq

NM_001128175

Protein Refseq

NP_001121647

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MIM	601239
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UniProt ID	Q9Y4J8
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