

Recombinant Human DTNA Protein, GST-tagged

Cat. No. DTNA-2899H **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	Wheat Germ
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 NVIEALRENALNNLDPNTELNVSRLAVLSTIFYQLNKRMPTTHQIHVEQSISLLLNL LAAFDPEGHGKISVFAVKMALATLCGGKIMDKLRYIFSMISDSSGVMVYGRYDQFLR EVLKLPTAVFEGPSFGYTEQSARSCFSQQKKVTLNGFLDTLMSDPPPQCLVWLPLL HRLANVENVFHPVECSYCHSESMGMFRYRCQQCHNYQLCQDCFWRGHAGGSHS

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	NQHQMKEYTSWKSPAKKLTNALSKSLSCASSREPLHPMFPDQPEKPLNLAHIVPPR PVTSMNDTLFHSVPSGSPFITRSSDGAFGGCV
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
MIM	601239

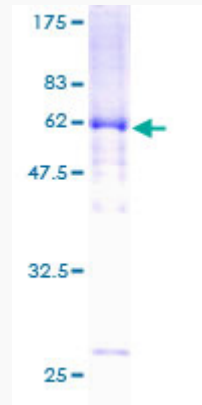
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UniProt ID

Q9Y4J8

Quality Control
Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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