

## Product datasheet for TP321162

### Dystrobrevin alpha (DTNA) (NM\_001390) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human dystrobrevin, alpha (DTNA), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC221162 representing NM_001390 Red=Cloning site Green=Tags(s)
	<p>MIEDSGKRGNTMAERRQLFAEMRAQDLDRIRLSTYRTACKLRFVQKKCNLHLVDIWNVIEALRENALNNL            DPNTELNVSRLAVLSTIFYQLNKRMPPTTHQIHVEQSISLLLNFLAAFDPEGHGKISVFAVKMALATLC            GKGIMDKLRYIFSMISDSSGVMVYGRYDQFLREVLKLP TAVFEGPSFGYTEQSARSCFSQKQKVTLNGFL            DTLMSDPPPQCLVWLP LLHRLANVENVFHPVECSYCHSESMMGFRYRCQQCHNYQLCQDCFWRGHAGGSH            SNQHQMKEYTSWKSPAKKLTNALSLSLSCASSREPLHPMFPDQPEKPLNLAHIVDTWPPRPVTSMNDFL            SHSVPSSGSPFITRSSPPKDSEVEQNKLLARAAPAFKKGKGIQYSLNVADRLADEHVLIGLYVNMLRNNP            SCMLESSNRLDEEHRLIARYAARLAAESSSSQPPQRSAPDISFTIDANKQQRQLIAELENKNREILQEI            QRLRLEHEQASQPTPEKAQQNPTLLAELRLLRQRKDELEQRMSALQESRRELMVQLEGLMKLLKTQGAGS            PRSSPSHTISRPIPIRSASACSTPHTHPQDSLTVGGVDVQEAFAQSSRRNLRNDLLVAADSITNTMSS            LVKELNSEVGSETESNVDFEFARTQFEDLVPSPTSEKAFLAQIHARKPGYIHS GATTSTMRGDMVTEDAD            PYVQPEDENYENDSVRQLENELQMEEYLKQKLQDEAYQVSLQG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	83.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_001381](#)

**Locus ID:** 1837

**UniProt ID:** [Q9Y4J8](#)

**RefSeq Size:** 6358

**Cytogenetics:** 18q12.1

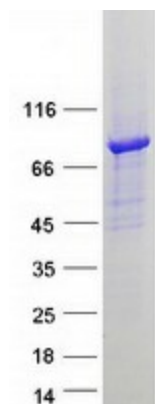
**RefSeq ORF:** 2229

**Synonyms:** D18S892E; DRP3; DTN; DTN-A; LVNC1

**Summary:** 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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified DTNA protein (Cat# TP321162). The protein was produced from HEK293T cells transfected with DTNA cDNA clone (Cat# [RC221162]) using MegaTran 2.0 (Cat# [TT210002]).