

Product datasheet for **TP323952M**

Dystrobrevin alpha (DTNA) (NM_032979) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human dystrobrevin, alpha (DTNA), transcript variant 5, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC223952 representing NM_032979

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MIEDSGKRGNTMAERRQLFAEMRAQDLDRIRLSTYRTACKLRFVQKKCNLHLVDIWNVIEALRENALNNL
DPNTELNVSRLAVLSTIFYQLNKRMPPTTHQIHVEQSISLLLNFLLAAFDPPEGHGKISVFAVKMALATLC
GGKIMDKLRYIFSMISDSSGVMVYGRYDQFLREVLKLP TAVFEGPSFGYTEQSARSCFSQKKVTLNGFL
DTLMSPPPQCLVWLP LLHRLANVENVFHPVECSYCHSESMGMFRYRCQQCHNYQLCQDCFWRGHAGGSH
SNQHQMKEYTSWKSPAKKLTNALSLSLSCASSREPLHPMFPDQPEKPLNLAHIVDTWPPRPVTSMNDFL
SHSVPSSGSPFITRSMLESSNRLDEEHRLIARYAARLAAESSSSQPPQORSAPDISFTIDANKQQRQLIA
ELENKNREILQEIQRLRLEHEQASQPTPEKAQQNPTLLAELRLLRQRKDELEQRMSALQESRRELMVQLE
GLMKLLKEELKQGVSYVPYCRS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 58.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

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



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RefSeq: [NP_116761](#)

Locus ID: 1837

UniProt ID: [Q9Y4J8](#)

RefSeq Size: 3110

Cytogenetics: 18q12.1

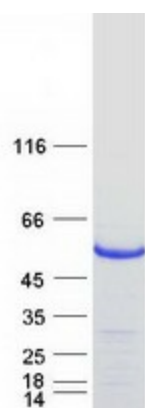
RefSeq ORF: 1539

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# [TP323952]). The protein was produced from HEK293T cells transfected with DTNA cDNA clone (Cat# [RC223952]) using MegaTran 2.0 (Cat# [TT210002]).