



Recombinant Human Dystrobrevin alpha (DTNA)

Product Code	CSB-MP896724HU
Abbreviation	DTNA
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9Y4J8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MIEDSGKGRGN TMAERRQLFA EMRAQDLDR I RLSTYRTACK LRFVQKKCNL HLVDIWNVIE ALRENALNNL DPNTELVSR LEAVLSTIFY QLNKRMPPTH QIHVEQSISL LLNFLLAafd PEGHGKISVF AVKMALATLC GGKIMDKLRY IFSMISDSSG VMVYGRYDQF LREVLKLPTA VFEGPSFGYT EQSARSCFSQ QKKVTLNGFL DTLMSDPPPQ CLVWLP LLHR LANVENVFHP VECSYCHSES MMGFRYRCQQ CHNYQLCQDC FWRGHAGGSH SNQHQMKEYT SWKSPAKKLT NALSKSLSCA SSREPLHPMF PDQPEKPLNL AHIVDTWPPR PVTSMNDTLF SHSVPSSGSP FITRSSPKD SEVEQNKLLA RAAPAFKGGK GIQYSLNVAD RLADHVLIG LYVNMLRNNP SCMLESSNRL DEEHRLIARY AARLAAESSS SQPPQQRSA P DISFTIDANK QQRQLIAELE NKNREILQE I QRLRLEHEQA SQPTPEKAQQ NPTLLAELRL LRQRKDELEQ RMSALQESRR ELMVQLEGLM KLLKTQGAGS PRSSPSHTIS RPIPMPIRSA SACSTPHTP QDSLTVGGD VQEAFAQSSR RNLRLNDLLVA ADSITNTMSS LVKELNSEVG SETESNV DSE FARTQFEDLV PSPTSEKAF L AQIHARKPGY IHSGATTSTM RGDMVTEDAD PYVQPEDENY ENDSVRQLEN ELQMEEYLKQ KLQDEAYQVS LQG
Source	Mammalian cell
Target Names	DTNA
Protein Names	Recommended name: Dystrobrevin alpha Short name= DTN-A Alternative name(s): Alpha-dystrobrevin Dystrophin-related protein 3
Expression Region	1-743
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein 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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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