Recombinant Human Dystrobrevin alpha (DTNA)

Product Code	CSB-EP896724HU
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	MIEDSGKRGN TMAERRQLFA EMRAQDLDRI RLSTYRTACK LRFVQKKCNL HLVDIWNVIE ALRENALNNL DPNTELNVSR LEAVLSTIFY QLNKRMPTTH QIHVEQSISL LLNFLLAAFD PEGHGKISVF AVKMALATLC GGKIMDKLRY IFSMISDSSG VMVYGRYDQF LREVLKLPTA VFEGPSFGYT EQSARSCFSQ QKKVTLNGFL DTLMSDPPPQ CLVWLPLLHR LANVENVFHP VECSYCHSES MMGFRYRCQQ CHNYQLCQDC FWRGHAGGSH SNQHQMKEYT SWKSPAKKLT NALSKSLSCA SSREPLHPMF PDQPEKPLNL AHIVDTWPPR PVTSMNDTLF SHSVPSSGSP FITRSSPPKD SEVEQNKLLA RAAPAFLKGK GIQYSLNVAD RLADEHVLIG LYVNMLRNNP SCMLESSNRL DEEHRLIARY AARLAAESSS SQPPQQRSAP DISFTIDANK QQRQLIAELE NKNREILQEI QRLRLEHEQA SQPTPEKAQQ NPTLLAELRL LRQRKDELEQ RMSALQESRR ELMVQLEGLM KLLKTQGAGS PRSSPSHTIS RPIPMPIRSA SACSTPTHTP QDSLTGVGGD VQEAFAQSSR RNLRNDLLVA ADSITNTMSS LVKELNSEVG SETESNVDSE FARTQFEDLV PSPTSEKAFL AQIHARKPGY IHSGATTSTM RGDMVTEDAD PYVQPEDENY ENDSVRQLEN ELQMEEYLKQ KLQDEAYQVS LQG
Source	E.coli
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	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.