



# Recombinant Human Dystrobrevin beta (DTNB)

<b>Product Code</b>	CSB-MP007217HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O60941
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>MIEESGNKRK TMAEKRQLFI EMRAQNFDVI RLSTYRTACK LRFVQKRCNL            HLVDIWNMIE AFRDNGLNLT DHTTEISVSR LETVISSIIY QLNKRLPSTH            QISVEQSISL LLNFMIAAYD SEGRGKLTVF SVKAMLATMC GGMMLDKLRY            VFSQMSDSNG LMIFSKFDQF LKEVLKLPTA VFEGPSFGYT EHSVRTCFFPQ            QRKIMLMNML DTMMADPPPQ CLVWLPLMHR LAHVENVFHP VECSYCRCES            MMGFRYRCQQ CHNYQLCQNC FWRGHAGGPH SNQHQMKEHS            SWKSPAKKLS HAISKSLGCV PTREPPHPVF PEQPEKPLDL AHIVPPRPLT            NMNDTMVSHM SSGVPTPTKR LQYSQDIPSH LADEHALIAS YVARLQHCAR            VLDSPSRLDE EHRLIARYAA RLAAEAGNVT RPPTDLSFNF DANKQQRQLI            AELENKNREI LQEIQLRLE HEQASQPTPE KAQQNPTLLA ELRLLRQRKD            ELEQRMSALQ ESRRELMVQL EELMKLLKEE EQKQAAQATG SPHTSPTHGG            GRPMPMPVRS TSAGSTPTHG PQDSLGSVGG DVQEFAAQT            RRNLNRNDLLV AADSITNTMS SLVKELHSAE EGAEIEEEEKM QNGKDRG</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	DTNB
<b>Protein Names</b>	Recommended name: Dystrobrevin beta Short name= DTN-B Alternative name(s): Beta-dystrobrevin
<b>Expression Region</b>	1-627
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes dystrobrevin beta, a component of the dystrophin-associated protein complex (DPC). The DPC consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and dystrobrevin alpha and beta. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Dystrobrevin beta is thought to interact with syntrophin and the DP71 short form of dystrophin. Alternatively spliced transcript variants encoding different isoforms have been identified.
<b>Reconstitution</b>	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.

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### 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.