

Recombinant Human DTNB, GST-tagged

Cat. No. DTNB-12188H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DTNB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	N-term-306a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	DTNB dystrobrevin, beta [Homo sapiens]
Official Symbol	DTNB
Synonyms	DTNB; dystrobrevin, beta; dystrobrevin beta; DTN-B; beta-dystrobrevin; MGC17163; MGC57126;
Gene ID	1838
mRNA Refseq	NM_001256303
Protein Refseq	NP_001243232
MIM	602415
UniProt ID	O60941
Chromosome Location	2p23.2
Function	calcium ion binding; zinc ion binding;

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