

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 Na₂HPO₄, 17mM NaH₂PO₄, 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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