

Recombinant Human MYOT protein, GST-tagged

Cat. No. MYOT-556H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MYOT protein(NP_001129412)(191-498 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	191-498 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	GPQNAAAVFQAQDDSGAQDSQQHNSEHARLQVPTSQVRSRSTSRGDVNDQDAIQ EKFYPPRFIQVPENMSIDEGRFCRMDFKVSGLPAPDVSWYLNGRTVQSDDLHKMIV SEKGLHSLIFEVVRASDAGAYACVAKNRAGEATFTVQLDVLAKEHKRAPMFIYKPQS KKVLEGDSVKLEQCISAIPPPKLFWKRNEMVQFNTDRISLYQDNTGRVTLLIKDVNK KDAGWYTVSAVNEAGVTTCNTRLDVTARPNTLPAPKQLRVPTFSKYALNGKGL NVKQAFNPEGEFQRLAAQSGLYESEEL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Aliquot and store at -20°C to -80°C for up to 6 months. Avoid repeat freeze-thaw cycles.

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Concentration The purified protein was Lyophilized from sterile PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH 7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.

Reconstitution Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name MYOT myotilin [Homo sapiens]

Official Symbol MYOT

Synonyms MYOT; myotilin; LGMD1, LGMD1A, limb girdle muscular dystrophy 1A (autosomal dominant) , titin immunoglobulin domain protein (myotilin) , TTID; 57 kDa cytoskeletal protein; myofibrillar titin-like Ig domains protein; titin immunoglobulin domain protein (myotilin); TTID; LGMD1; LGMD1A;

Gene ID 9499

mRNA Refseq NM_001135940

Protein Refseq NP_001129412

MIM 604103

UniProt ID Q9UBF9

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