

Recombinant Human MYL7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MYL7-3699H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MYL7 MS Standard C13 and N15-labeled recombinant protein (NP_067046) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	MYL7 (Myosin Light Chain 7) is a Protein Coding gene. Diseases associated with MYL7 include Myopathy, Centronuclear, 2 and Primary Cutaneous Amyloidosis. Among its related pathways are Guidance Cues and Growth Cone Motility and Activation of cAMP-Dependent PKA. Gene Ontology (GO) annotations related to this gene include calcium ion binding. An important paralog of this gene is MYL5.
Molecular Mass	19.4 kDa
AA Sequence	MASRKAGTRGKVAATKQAQRGSSNVFSMFEQAQIQEFKEAFSCIDQNRDGIICKAD LRETYSQLGKVSVP EEELDAMLQEGKGPI NFTVFLTLFGEKLN GTDPEEAILSAFRMF DPSGKGVVNKDEFKQLLLTQADKFSPAEVEQMFALTPMDLAGNIDYKSLCYIITHGD EKEETRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

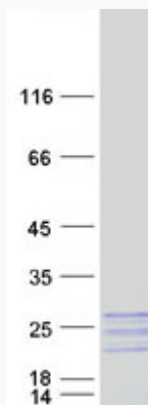
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	MYL7 myosin light chain 7 [Homo sapiens (human)]
Official Symbol	MYL7
Synonyms	MYL7; myosin, light chain 7, regulatory; myosin, light polypeptide 7, regulatory; myosin regulatory light chain 2, atrial isoform; MYL2A; MYLC2A; MLC2a; MLC-2a; myosin light chain 2a; myosin regulatory light chain 7;
Gene ID	58498
mRNA Refseq	NM_021223
Protein Refseq	NP_067046
MIM	613993
UniProt ID	Q01449

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SDS-PAGE

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