

Recombinant Full Length Human MYL6B Protein, GST-tagged

Cat. No. MYL6B-6350HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MLC1SA full-length ORF (NP_002466.1, 1 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	208 amino acids
Description	Myosin is a hexameric ATPase cellular motor protein. It is composed of two heavy chains, two nonphosphorylatable alkali light chains, and two phosphorylatable regulatory light chains. This gene encodes a myosin alkali light chain expressed in both slow-twitch skeletal muscle and in nonmuscle tissue. [provided by RefSeq
Molecular Mass	49.2 kDa
AA Sequence	MPPKKDVPVKKPAGPSISKPAAKPAAAGAPPAKTKAEPVPQAPQKTQEPPVDLSK VVIEFNKDQLEEFKEAFELFDRVGDGKILYSQCGDVMRALGQNPTNAEVLKVLGNPK SDELKSRRVDFETFLPMLQAVAKNRGQGTYEDYLEGFRVFDKEGNGKVMGAELRH VLTTLGKEMTEEEVETVLAGHEDSNGCINYEAFLEKHLISV
Applications	Antibody Production Functional Study Compound Screening

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MYL6B myosin, light chain 6B, alkali, smooth muscle and non-muscle [Homo sapiens]
Official Symbol	MYL6B
Synonyms	MYL6B; myosin, light chain 6B, alkali, smooth muscle and non-muscle; myosin, light polypeptide 6B, alkali, smooth muscle and non muscle; myosin light chain 6B; MLC1SA; myosin light chain 1 slow a; myosin alkali light chain 1 slow a; myosin light chain 1 slow-twitch muscle A isoform; myosin light chain 1, slow-twitch muscle A isoform; smooth muscle and nonmuscle myosin light chain alkali 6B; smooth muscle and non-muscle myosin alkali light chain 6B; myosin, light polypeptide 6B, alkali, smooth muscle and non-muscle;
Gene ID	140465
mRNA Refseq	NM_001199629
Protein Refseq	NP_001186558
MIM	609930
UniProt ID	P14649

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