

Recombinant Full Length Human MYL1 Protein, GST-tagged

Cat. No. MYL1-6758HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MYL1 full-length ORF (NP_524144.1, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	194 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 fast skeletal muscle. Two transcript variants have been identified for this gene. [provided by RefSeq]
Molecular Mass	47.5 kDa
AA Sequence	MAPKKDVKKPVAAAAAAPAPAPAPAPAPAKPKKEEKIDLSAIKIEFSKEQQDEFKEA FLLFDRTGDSKITLSQVGDVLRALGNTNPTNAEVRKVLGNPSNEELNAKKIEFEQFLPM MQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGAELRHVLATLGEKMKEEEEVEAL MAGQEDSNGCINYEAFVKHIMSI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
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	MYL1 myosin light chain 1 [Homo sapiens (human)]
Official Symbol	MYL1
Synonyms	MYL1; myosin, light chain 1, alkali; skeletal, fast; myosin, light polypeptide 1, alkali; skeletal, fast; myosin light chain 1/3, skeletal muscle isoform; MLC1/MLC3; MLC1F/MLC3F; A1 catalytic; A2 catalytic; myosin light chain A1/A2; myosin light chain alkali 1/2; myosin, light polypeptide 1, alkali; skeletal, fast; MLC1F; MLC3F;
Gene ID	4632
mRNA Refseq	NM_079420
Protein Refseq	NP_524144
MIM	160780
UniProt ID	P05976

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