

Recombinant Full Length Human MYL9 Protein, GST-tagged

Cat. No. MYL9-6765HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MYL9 full-length ORF (AAH02648.1, 1 a.a. - 118 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	118 amino acids
Description	Myosin, a structural component of muscle, consists of two heavy chains and four light chains. The protein encoded by this gene is a myosin light chain that may regulate muscle contraction by modulating the ATPase activity of myosin heads. The encoded protein binds calcium and is activated by myosin light chain kinase. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	38.72 kDa
AA Sequence	MSSKRAKAKTTKKRPQRATSNVFAMFDQSQIQEFKEAFNMIDQNRDGFIDKEDLHD MLASLGFIHEDHLRELLTTMGDRFTDEEVDEMYREAPIDKKGNFNYYVEFTRILKHGA KDKDD
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	MYL9 myosin light chain 9 [Homo sapiens (human)]
Official Symbol	MYL9
Synonyms	MYL9; myosin, light chain 9, regulatory; myosin, light polypeptide 9, regulatory; myosin regulatory light polypeptide 9; LC20; MLC2; MRLC1; myosin regulatory light chain 1; myosin regulatory light chain 2; smooth muscle isoform; MYRL2; myosin RLC; 20 kDa myosin light chain; myosin regulatory light chain 9; myosin regulatory light chain MRLC1; myosin regulatory light chain 2, smooth muscle isoform; MLC-2C; MGC3505;
Gene ID	10398
mRNA Refseq	NM_006097
Protein Refseq	NP_006088
MIM	609905
UniProt ID	P24844

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