

# Recombinant Full Length Human MYL10 Protein, GST-tagged

Cat. No. MYL10-6766HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human MYLC2PL full-length ORF ( NP_612412.2, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	226 amino acids
<b>Description</b>	MYL10 (Myosin Light Chain 10) is a Protein Coding gene. Among its related pathways are Focal Adhesion and Blood-Brain Barrier and Immune Cell Transmigration: VCAM-1/CD106 Signaling Pathways. GO annotations related to this gene include calcium ion binding. An important paralog of this gene is MYL2.
<b>Molecular Mass</b>	51.7 kDa
<b>AA Sequence</b>	MLLRLVSNSWPQVILPPRPPKVLGLQAPRRARKRAEGTASSNVFSMFDQSQIQEFK ESLALSPRLERNGMISAHCNLCLTGSSNSPASASQAFTIMDQNRDGFIDKEDLRDTF AALGRINVKNEELEAMVKEAPGPINFVFLTMFGEKLGKTDPEETILHAFKVFDTEGK GFVKADVIKEKLMTQADRFSEEEVKQMFAAFPDPVCGNLDYRNLCYVITHGEEKD
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	MYL10 myosin light chain 10 [ Homo sapiens (human) ]
<b>Official Symbol</b>	MYL10
<b>Synonyms</b>	MYL10; myosin light chain 10; PLRLC; MYLC2PL; myosin regulatory light chain 10; myosin light chain 2, lymphocyte-specific; myosin light chain 2, precursor lymphocyte-specific; myosin, light chain 10, regulatory; precursor lymphocyte-specific regulatory light chain
<b>Gene ID</b>	93408
<b>mRNA Refseq</b>	NM_138403
<b>Protein Refseq</b>	NP_612412
<b>MIM</b>	617177
<b>UniProt ID</b>	Q9BUA6

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