Recombinant Full Length Human MYL10 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human MYLC2PL full-length ORF (NP_612412.2, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	226 amino acids
Description	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.
Molecular Mass	51.7 kDa
AA Sequence	MLLRLVSNSWPQVILPPRPPKVLGLQAPRRARKRAEGTASSNVFSMFDQSQIQEFK ESLALSPRLERNGMISAHCNLCLTGSSNSPASASQAFTIMDQNRDGFIDKEDLRDTF AALGRINVKNEELEAMVKEAPGPINFTVFLTMFGEKLKGTDPEETILHAFKVFDTEGK GFVKADVIKEKLMTQADRFSEEEVKQMFAAFPPDVCGNLDYRNLCYVITHGEEKD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	MYL10 myosin light chain 10 [Homo sapiens (human)]
Official Symbol	MYL10
Synonyms	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
Gene ID	93408
mRNA Refseq	NM_138403
Protein Refseq	NP_612412
MIM	617177
UniProt ID	Q9BUA6

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