

# 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<br>ESLALSPRLERNGMISAHCNLCLTGSSNSPASASQAFTIMDQNRDGFIDKEDLRDTF<br>AALGRINVKNEELEAMVKEAPGPINFVFLTMFGEKLGKTDPEETILHAFKVFDTEGK<br>GFVKADVIKEKLMTQADRFSEEEVKQMFAAFPPDVCNLDYRNLCYVITHGEEKD                                                               |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>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.                                                                                                                                                                                                 |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                          |
| <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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