

## Recombinant Human MYLPF Protein, GST-tagged

Cat. No. MYLPF-5827H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human MYLPF full-length ORF ( AAH12571, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	MYLPF (Myosin Light Chain, Phosphorylatable, Fast Skeletal Muscle) is a Protein Coding gene. Among its related pathways are Focal Adhesion and Sertoli-Sertoli Cell Junction Dynamics. GO annotations related to this gene include calcium ion binding and structural constituent of muscle. An important paralog of this gene is MYL10.
<b>Molecular Mass</b>	44.33 kDa
<b>AA Sequence</b>	MAPKRAKRRTVEGGSSSVFSMFDQTQIQEFKEAFTVIDQNRDGIIDKEDLRDTFAAM GRLNVKNEELDAMMKEASGPINFTVFLTMFGEKLGADPEDVITGAFKVLDPGKGT IKKKFLEELLTTQCDRFSQEEIKNMWAAFPPDVGGNVDYKNICYVITHGDAKDQE
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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** [MYLPF myosin light chain, phosphorylatable, fast skeletal muscle \[ Homo sapiens \]](#)

**Official Symbol** [MYLPF](#)

**Synonyms** MYLPF; myosin light chain, phosphorylatable, fast skeletal muscle; myosin regulatory light chain 2, skeletal muscle isoform; HUMMLC2B; MRLC2; MYL11; myosin regulatory light chain 2; myosin; light chain 11; regulatory; MLC2B; myosin light chain 2; fast skeletal myosin light chain 2; myosin, light chain 11, regulatory; MGC13450; DKFZp779C0757;

**Gene ID** [29895](#)

**mRNA Refseq** [NM\\_013292](#)

**Protein Refseq** [NP\\_037424](#)

**UniProt ID** [Q96A32](#)

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**Quality Control**

**Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

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