

## Recombinant Human MYL10, GST-tagged

Cat. No. MYL10-1133H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human MYL10 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 1-226aa   |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.   |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | MYL10 myosin, light chain 10, regulatory [ Homo sapiens ]   |
| <b>Official Symbol</b> | MYL10   |
| <b>Synonyms</b>        | MYL10; myosin, light chain 10, regulatory; myosin regulatory light chain 10; MGC3479; MYLC2PL; PLRLC; myosin light chain 2, lymphocyte-specific; myosin light chain 2, precursor lymphocyte-specific; precursor lymphocyte-specific regulatory light chain; |

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|----------------------------|--|
| <b>Gene ID</b>             | 93408  |
| <b>mRNA Refseq</b>         | NM_138403  |
| <b>Protein Refseq</b>      | NP_612412  |
| <b>UniProt ID</b>          | Q9BUA6   |
| <b>Chromosome Location</b> | 7q22.1   |
| <b>Pathway</b>             | Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem; Leukocyte transendothelial migration, organism-specific biosystem; Leukocyte transendothelial migration, conserved biosystem; Regulation of actin cytoskeleton, organism-specific biosystem; Regulation of actin cytoskeleton, conserved biosystem; Tight junction, organism-specific biosystem; |
| <b>Function</b>            | calcium ion binding;   |

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