

## Recombinant Human MYL7 protein, GST-tagged

**Cat. No.** MYL7-4931H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MYL7 protein(Q01449)(1-175aa), fused to N-terminal GST tag, was expressed in E. coli                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-175aa                                                                                                                                                                                                                                                       |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>              |
| <b>Molecular Mass</b>   | 46.4 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                          |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | MYL7 myosin, light chain 7, regulatory [ Homo sapiens ]                                                                                                                                                                  |
| Official Symbol | MYL7                                                                                                                                                                                                                     |
| Synonyms        | MYL7; myosin, light chain 7, regulatory; myosin, light polypeptide 7, regulatory; myosin regulatory light chain 2, atrial isoform; MYL2A; MYLC2A; MLC2a; MLC-2a; myosin light chain 2a; myosin regulatory light chain 7; |
| Gene ID         | 58498                                                                                                                                                                                                                    |
| mRNA Refseq     | NM_021223                                                                                                                                                                                                                |
| Protein Refseq  | NP_067046                                                                                                                                                                                                                |
| MIM             | 613993                                                                                                                                                                                                                   |
| UniProt ID      | Q01449                                                                                                                                                                                                                   |

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