

## Recombinant Mouse Mtmr7 Protein, Myc/DDK-tagged

**Cat. No.** Mtmr7-4219M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length myotubularin related protein 7 (cDNA clone MGC:40839 IMAGE:5368816), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                        |
| <b>Description</b>      | Phosphatase that specifically dephosphorylates phosphatidylinositol 3-phosphate (PtdIns3P) and inositol 1,3-bisphosphate (Ins(1,3)P2).                                                        |
| <b>Molecular Mass</b>   | 53.9 kDa                                                                                                                                                                                      |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                   |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                 |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                              |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                         |

### GENE INFORMATION

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|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Mtmr7 myotubularin related protein 7 [ Mus musculus (house mouse) ]                                                                                                     |
| <b>Official Symbol</b> | Mtmr7                                                                                                                                                                   |
| <b>Synonyms</b>        | Mtmr7; myotubularin related protein 7; myotubularin-related protein 7; inositol 1,3-bisphosphate phosphatase; phosphatidylinositol-3-phosphate phosphatase; EC 3.1.3.64 |
| <b>Gene ID</b>         | 54384                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_001040699                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_001035789                                                                                                                                                            |
| <b>UniProt ID</b>      | Q9Z2C9                                                                                                                                                                  |

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