

# Recombinant Human MTMR12 Protein, MYC/DDK-tagged

**Cat. No.** MTMR12-2184H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human MTMR12 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Phosphatidylinositide 3-kinase-derived membrane-anchored phosphatidylinositides, such as phosphatidylinositol 3-phosphate (PtdIns(3)P), regulate diverse cellular processes. The protein encoded by this gene functions as an adaptor subunit in a complex with an active PtdIns(3)P 3-phosphatase. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 86 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                         |

## GENE INFORMATION

|                  |                                                         |
|------------------|---------------------------------------------------------|
| <b>Gene Name</b> | MTMR12 myotubularin related protein 12 [ Homo sapiens ] |
|------------------|---------------------------------------------------------|

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|                 |               |
|-----------------|---------------|
| Official Symbol | MTMR12        |
| Synonyms        | 3-PAP; PIP3AP |
| Gene ID         | 54545         |
| mRNA Refseq     | NM_001040446  |
| Protein Refseq  | NP_001035536  |
| MIM             | 606501        |
| UniProt ID      | Q9C0I1        |

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