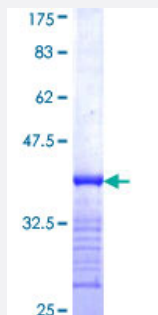


MTMR12 (Human) Recombinant Protein (Q01)

Catalog # H00054545-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human MTMR12 partial ORF (NP_061934, 648 a.a. - 747 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	PEAQILGGGQVATLSKLLEMEEVQSLQEKIDERHHSQQAPQAEAPCLLRNSARLSSLFPFALLQ RHSSKPVLPTSGWKALGDEDDLAKREDEFVDLGDV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (82); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MTMR12

Entrez GeneID [54545](#)

GeneBank Accession# [NM_019061](#)

Protein Accession# [NP_061934](#)

Gene Name MTMR12

Gene Alias 3-PAP, PIP3AP

Gene Description myotubularin related protein 12

Omim ID [606501](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 have been identified, but their biological validity has not been determined. [provided by RefSeq]

Other Designations 3-phosphatase adapter subunit|phosphatidylinositol-3 phosphate 3-phosphatase adaptor subunit|phosphatidylinositol-3-phosphate associated protein

Disease

- [Tobacco Use Disorder](#)