

Full-Length

MTMR7 (Human) Recombinant Protein (P01)

Catalog # H00009108-P01

Size 50 ug

Specification

Product Description	Human MTMR7 full-length ORF (ADR83108.1, 1 a.a. - 660 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEHIRTPKVENVRLVDRVSPKKAALGTYLTATHVIFVENSPDARKETWILHSQISTIEKQATTATGC PLLIRCKNFQIIQLIIPQERDCHDVYISLIRLARPVKYEELYCFSFNPMLDKEEREQGWVLIDLSEEYT RMGLPNHYWQLSDVNRDYRVCDSYPTELYVPKSATAHIIVGSSKFRSRRFPVLSYYYKDNHASIC RSSQPLSGFSARCLEDEQMLQAIKANPGSDFVYVVDTRPKLNAMANRAAGKGYENEDNYSNIK FQFIGIENIHVMRNSLQKMLEVCELKSPSMSDFLWGLENSGWLRIKAIMDAGIFIAKAVSEEGASV LVHCSDGWDRTAQVCSVASLLLDPHYRTLKGFMVLEIKDWISFGHKFNHRYGNLDGDPKEISPI DQFIECVWQLMEQFPCAFEFNERFLIHQHHYSCQFGNFLCNSQKERRELKIQERTYSLWAHLWK NRADYLNPLFRADHSQTQGTLHLPTTPCNFMYKFWSGMYNRFEEKGMQPRQSVTDYLMVKEET QQLEEELEALEERLEKIQKVQLNCTKVSKSQSEPSKHSGFSTSDNSIANTPQDYSGNMKSFPSRS PSQGDEDSALILTQDNLKSSDPDLSANSQESGVEDLSCRSPSGGEHAPSEDSGKDRDSDEA VFLTA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	72.6
Interspecies Antigen Sequence	Mouse (94)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — MTMR7

Entrez GeneID [9108](#)

GeneBank Accession# [HQ258354.1](#)

Protein Accession# [ADR83108.1](#)

Gene Name MTMR7

Gene Alias DKFZp781E194, MGC163449, MGC163451

Gene Description myotubularin related protein 7

Omim ID [603562](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the myotubularin family of tyrosine/dual-specificity phosphatases . The encoded protein is characterized by four distinct domains that are conserved among all members of the myotubularin family: the glucosyltransferase, Rab-like GTPase activator and myotubularins domain, the Rac-induced recruitment domain, the protein tyrosine phosphatases and dual-specificity phosphatases domain and the suppressor of variegation 3-9, enhancer-of-zeste, and trithorax interaction domain. This protein dephosphorylates the target substrates phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate. A pseudogene of this gene is found on chromosome 5. [provided by RefSeq]

Other Designations -

Disease

- [Tobacco Use Disorder](#)