

Recombinant Human MTMR7 Protein (1-660 aa), His-SUMO-tagged

Cat. No. MTMR7-1163H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTMR7 Protein (1-660 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-660 aa
Description	Phosphatase that acts on lipids with a phosphoinositol headgroup.Curated.
Form	Tris-based buffer,50% glycerol
Molecular Mass	91.8 kDa
AA Sequence	MEHIRTPKVENVRLVDRVSPKKAALGTLTLTATHVIFVENSPPDKETWILHSQISTIE KQATTATGCPLLIRCKNFQIIQLIIPQERDCHDVYISLIRLARPVKYEELYCFSFNPMLD KEEREQGWVLIDLSEEYTRMGLPNHYWQLSDVNRDVRVCDSPTELYVPKSATAHII VGSSKFRSRRRFPVLSYYYKDNHASICRSSQPLSGFSARCLEDEQMLQAIRKANPG SDFVYVVDTRPKLNAMANRAAGKGYENEDNYSNIKFQFIGIENIHVMRNSLQKMLEV CELKSPSMSDFLWGLENSGWL RHIAIMDAGIFIAKAVSEEGASVLVHCSDGWDRT AQVCSVASLLLDPHYRTLKGFMVLEIKDWISFGHKFNHRYGNLDGDPKEISPVIDQFI ECVWQLMEQFPCAFEFNERFLIHQHHIYSCQFGNFLCNSQKERRELKIQERTYSLW

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AHLWKNRADYLNPLFRADHSQTQGTLHLPTTPCNFMYKFWSGMYNRFKGMQPR
 QSVTDYLMVKEETQQLEEELEALEERLEKIQKVQLNCTKVKSKQSEPSKHSGFSTS
 DNSIANTPQDYSGNMKSFPSPSQGDEDSALILTQDNLKSSDPDLSANSQESGV
 EDLSCRSPSGGEHAPSEDSGKDRDSDEAVFLTA

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name [MTMR7 myotubularin related protein 7 \[Homo sapiens \]](#)

Official Symbol [MTMR7](#)

Synonyms MTMR7;

Gene ID [9108](#)

mRNA Refseq [NM_004686.4](#)

Protein Refseq [NP_004677.3](#)

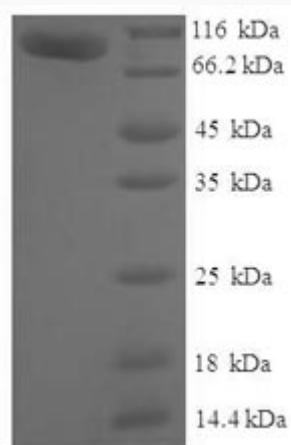
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MIM 603562

UniProt ID Q9Y216



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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