Recombinant Full Length Human MTMR8 Protein, GST-tagged

Cat. No. MTMR8-6546HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTMR8 full-length ORF (NP_060147.2, 1 a.a. - 704 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	704 amino acids
Description	This gene encodes a member of the myotubularin-related family and is part of the MTMR6 subgroup. Family members are dual-specificity phosphatases and the encoded protein contains a phosphoinositide-binding domain (PID) and a SET-interacting domain (SID). Defects in other family members have been found in myotubular myopathic diseases. [provided by RefSeq, Mar 2010]
Molecular Mass	105.3 kDa
AA Sequence	MDHITVPKVENVKLVDRYVSKKPANGILYLTATHLIYVEASGAARKETWIALHHIATVE KLPITSLGCPLTLRCKNFRVAHFVLDSDLVCHEVYISLLKLSQPALPEDLYAFSYNPKS SKEMRESGWKLIDPISDFGRMGIPNRNWTITDANRNYEICSTYPPEIVVPKSVTLGTV VGSSKFRSKERVPVLSYLYKENNAAICRCSQPLSGFYTRCVDDELLLEAISQTNPGS QFMYVVDTRPKLNAMANRAAGKGYENEDNYANIRFRFMGIENIHVMRSSLQKLLEV CELKTPTMSEFLSGLESSGWLRHIKAIMDAGIFITKAVKVEKASVLVHCSDGWDRTA QVCSVASILLDPFYRTFKGLMILIEKEWISMGHKFSQRCGHLDGDSKEVSPIFTQFLD CIWQLMEQFPCAFEFNENFLLEIHDHVFSCQFGNFLGNCQKDREDLRVYEKTHSVW

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	PFLVQRKPDFRNPLYKGFTMYGVLNPSTVPYNIQFWCGMYNRFDKGLQPKQSMLE SLLEIKKQRAMLETDVHELEKKLKVRDEPPEEICTCSQLGNILSQHLGSPLTNPLGFM GINGDLNTLMENGTLSREGGLRAQMDQVKSQGADLHHNCCEIVGSLRAINISGDVGI SEAMGISGDMCTFEATGFSKDLGICGAMDISEATGISGNLGISEARGFSGDMGILGD TGISKASTKEADYSKHQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MTMR8 myotubularin related protein 8 [Homo sapiens]
Official Symbol	MTMR8
Synonyms	MTMR8; myotubularin related protein 8; myotubularin-related protein 8; FLJ20126; FLJ60798;
Gene ID	55613
mRNA Refseq	NM_017677
Protein Refseq	NP_060147

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MIM	301061
UniProt ID	Q96EF0

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