

Recombinant Human MTMR8 Protein, GST-tagged

Cat. No. MTMR8-5723H **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	Wheat Germ
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 KLPITSLGCPPLTRCKNFRVAHFVLDSDLVCHEVYISLLKLSQPALPEDLYAFSYNPKS SKEMRESGWKLIDPISDFGRMGIPNRNWTITDANRNYEICSTYPPEIVVPKSVTLGTV VGSSKFRSKERVVLSYLYKENNAICRCSQPLSGFYTRCVDDELLLEAISQTNPGS QFMYVVDTRPKLNAMANRAAGKGYENEDNYANIRFRFMGIENIHVMRSSLQKLLEV CELKTPMTSEFLSGLESSGWLRLHIKAIMDAGIFITKAVKVEKASVLVHCSDGWDRTA QVCSVASILLDPFYRTFKGLMILIEKEWISMGHKFSQRCGHLDGDSKEVSPIFTQFLD CIWQLMEQFPCAFEFNENFLEIHDHVFSCQFGNFLGNCQKDREDLRVYEKTHSVW PFLVQRKPDFRNPLYKGFTMYGVLNPSTVPYNIQFWCGMYNRFDKGLQPKQSMLE

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SLLEIKKQRAMLETDVHELEKKLVKVRDEPP EEICTCSQLGNILSQHLGSPLTNPLGFM
 GINGDLNTLMENGTL SREGGLRAQMDQVKSQGADLHHNCCEIVGSLRAINISGDVGI
 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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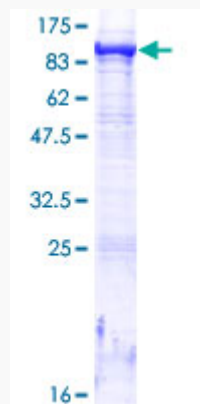
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UniProt ID

Q96EF0

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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