

Recombinant Human MTMR8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MTMR8-6481H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MTMR8 MS Standard C13 and N15-labeled recombinant protein (NP_060147) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	78.9 kDa
AA Sequence	MDHITVPKVENVKLVDRYVSKKPANGILYLTATHLIYVEASGAARKETWIALHHIATVE KLPITSLGCPLTLRCKNFRVAHFVLDSDLVCHEVYISLLKLSQPALPEDLYAFSYNPKS SKEMRESGWKLIDPISDFGRMGIPNRNWTITDANRNYEICSTYPPEIVVPSVTLGTV VGSSKFRSKERVVLSYLYKENNAICRCSQPLSGFYTRCVDDELLLEAISQTNPGS QFMYVVDTRPKLNAMANRAAGKGYENEDNYANIRFRFMGIENIHVMRSSLQKLLEV CELKPTPTMSEFLSGLESSGWLRIKAIMDAGIFITKAVKVEKASVLVHCSDGWDRTA QVCSVASILLDPFYRTFKGLMILIEKEWISMGHKFSQRCGHLDGDSKEVSPIFTQFLD CIWQLMEQFPCAFEFNENFLLEIHDHVFSCQFGNFLGNCQKDREDLRVYEKTHSVW

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PFLVQRKPDFRNPLYKGFTMYGVLNPSTVPYNIQFWCGMYNRFDKGLQPKQSMLE
 SLLEIKKQRAMLETDVHELEKCLKVRDEPP EEICTCSQLGNILSQHLGSPLTNPLGFM
 GINGDLNTLMENGTL SREGGLRAQMDQVKSQGADLHHNCCEIVGSLRAINISGDVGI
 SEAMGISGDMCTFEATGFSKDLGICGAMDISEATGISGNLGISEARGFSGDMGILGD
 TGISKASTKEADYSKHQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MTMR8 myotubularin related protein 8 [Homo sapiens (human)]

Official Symbol MTMR8

Synonyms MTMR8; myotubularin related protein 8; myotubularin-related protein 8; FLJ20126; FLJ60798;

Gene ID 55613

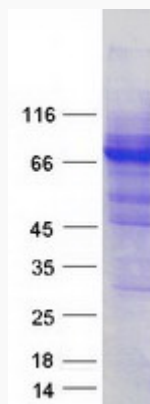
mRNA Refseq NM_017677

Protein Refseq NP_060147

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