Recombinant Full Length Human MTMR9 Protein, Flag tagged

Cat. No. MTMR9-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human myotubularin related protein 9 (MTMR9) with C-Flag tag was expressed in HEK293T.
Species	Human
Source	HEK293T
ProteinLength	1-549 aa
Description	This gene encodes a myotubularin-related protein that is atypical to most other members of the myotubularin-related protein family because it has no dual-specificity phosphatase domain. The encoded protein contains a double-helical motif similar to the SET interaction domain, which is thought to have a role in the control of cell proliferation. In mouse, a protein similar to the encoded protein binds with MTMR7, and together they dephosphorylate phosphatidylinositol 3-phosphate and inositol 1,3-bisphosphate.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	63.3 kDa
AASequence	MEFAELIKTPRVDNVVLHRPFYPAVEGTLCLTGHHLILSSRQDNTEELWLLHSNIDAI DKRFVGSLGTIIIKCKDFRIIQLDIPGMEECLNIASSIEALSTLDSITLMYPFFYRPMFEVI EDGWHSFLPEQEFELYSSATSEWRLSYVNKEFAVCPSYPPIVTVPKSIDDEALRKVA TFRHGGRFPVLSYYHKKNGMVIMRSGQPLTGTNGRRCKEDEKLINATLRAGKRGYII

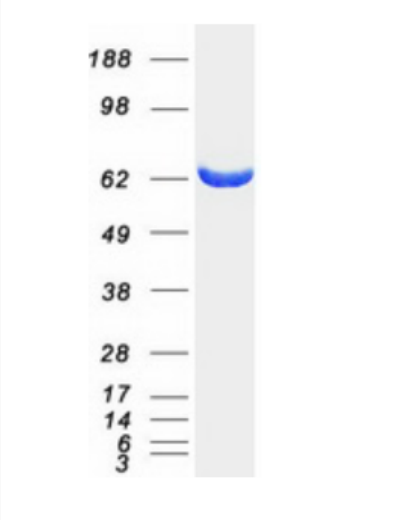
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	DTRSLNVAQQTRAKGGGFEQEAHYPQWRRIHKSIERYHILQESLIKLVEACNDQTHN MDRWLSKLEASNWLTHIKEILTTACLAAQCIDREGASILIHGTEGTDSTLQVTSLAQIIL EPRSRTIRGFEALIEREWLQAGHPFQQRCAQSAYCNTKQKWEAPVFLLFLDCVWQI LRQFPCSFEFNENFLIMLFEHAYASQFGTFLGNNESERCKLKLQQKTMSLWSWVNQ PSELSKFTNPLFEANNLVIWPSVAPQSLPLWEGIFLRWNRSSKYLDEAYEEMVNIIEY NKELQAKVNILRRQLAELETEDGMQESPTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 μg/μL as determined by microplate BCA method

GENE INFORMATION

Gene Name	MTMR9 myotubularin related protein 9 [Homo sapiens (human)]
Official Symbol	MTMR9
Synonyms	MTMR9; myotubularin related protein 9; C8orf9, MTMR8, myotubularin related protein 8; myotubularin-related protein 9; DKFZp434K171; LIP STYX; myotubularin related protein 8; MTMR8; C8orf9; LIP-STYX; MGC126672;
Gene ID	66036
mRNA Refseq	NM_015458

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Protein Refseq	NP_056273
MIM	606260
UniProt ID	Q96QG7
SDS-PAGE	

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