

Recombinant Full Length Human MTMR9 Protein, GST-tagged

Cat. No. MTMR9-6550HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTMR9 full-length ORF (AAH22003, 1 a.a. - 549 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	549 amino acids
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. [provided by RefSeq]
Molecular Mass	86.13 kDa
AA Sequence	MEFAELIKTPRVDNVVLHRPFYPAVEGTLC LTGHHLILSSRQDNTEELWLLHSNIDAI DKRFVGSLSGTIIKCKDFRIQLDIPGMEECLNIASSIEALSTLDSITLMYPFFYRPMFEVI EDGWSHFLPEQEFELYSSATSEWRLSYVNKEFAVCPSYPPIVTVPKSIDDEALRKVA TFRHGGRFPVLSYYHKKNGMVIMRSGQPLTGTNGRRCKEDEKLINATLRAGKRGYII DTRSLNVAQQTRAKGGGFEEAHYPQWRRIHKSIERYHILQESLIKLV EACNDQTHN MDRWLSKLEASNWLTHIKEILT TACLA AQCIDREGASILIHGTEGTDSTLQVTS LAQIIL

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EPRSRTIRGFEALIEREWLQAGHPFQQRICALSAYCNTKQKWEAPVLLFLDCVWQIL
RQFPCSFENENFLIMLFEHAYASQFGTFLGNNESERCELKLQQKTMSLWSWVNQP
SELSKFTNPLFEANNLVIWPSVAPQSLPLWEGIFLRWNRSSKYLDEAYEEMVNIEYN
KELQAKVNILRRQLAELETEDGMQESP

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 [MTMR9 myotubularin related protein 9 \[Homo sapiens \]](#)

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](#)

Protein Refseq [NP_056273](#)

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MIM	606260
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UniProt ID	Q96QG7
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