

Product datasheet for PH306014

MTMR9 (NM_015458) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MTMR9 MS Standard C13 and N15-labeled recombinant protein (NP_056273)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206014
Predicted MW:	63.5 kDa
Protein Sequence:	>RC206014 protein sequence Red=Cloning site Green=Tags(s)

MEFAELIKTPRVDNVVLHRPFYPAVEGTLCLTGHHLILSSRQDNTEELWLLHSNIDAIDKRFVGS LGTII
IKCKDFRIIQLDIPGMEECLNIASSIEALSTLDSITLMYPFFYRPMFEVIEDGWHSFLPEQEFELYSSAT
SEWRLSYVNEKFAVCPSPYPIVTPKSIDDEALRKVATFRHGGRFPVLSYYHKKNGMVMIRSGQPLTGTN
GRRCKEDEKLINATLRAGKRGYIIDTRSLNVAQQTRAKGGGFEQEAHYPQWRRIHKSIERYHILQESLIK
LVEACNDQTHNMDRWLSKLEASNWLTHIKEILTTACLAQCIDREGASILIHGTEGTDSTLQVTS LAQII
LEPRSRTIRGFELIEREWLQAGHPFQQRCAQSAYCNTKQKWEAPVLLFLDCVWQILRQFPCSEFNEN
FLIMLFEHAYASQFGTFLGNNESEKCLKLQKTMWSLWSWVNPSELSKFTNPLFEANNLVIWPSVAPQS
LPLWEGIFLRWNRSSKYLDEAYEEMVNIIEYNKELQAKVNILRRQLAELETEDGMQESP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_056273
RefSeq Size:	7421
RefSeq ORF:	1647



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Synonyms: C8orf9; LIP-STYX; MTMR8

Locus ID: 66036

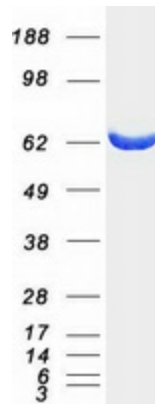
UniProt ID: [Q96QG7](#)

Cytogenetics: 8p23.1

Summary: 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, Jul 2008]

Protein Families: Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified MTMR9 protein (Cat# [TP306014]). The protein was produced from HEK293T cells transfected with MTMR9 cDNA clone (Cat# [RC206014]) using MegaTran 2.0 (Cat# [TT210002]).