

Product datasheet for PH314077

MTMR12 (NM_001040446) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	MTMR12 MS Standard C13 and N15-labeled recombinant protein (NP_001035536)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214077
Predicted MW:	86 kDa
Protein Sequence:	>RC214077 representing NM_001040446 Red=Cloning site Green=Tags(s)

MLGKGVVGGGGTKAPKPSFVSYYRPEEIHTEKEVTEKEVTLHLLPGEQLLCEASTVLKYVQEDSCQHG
VYGRVCTDFKIAFLGDDESALDNDQFKNKVIGENDITLHCVDQIYGVFDEKKTFLGQLKKYPEKLI
IHCKDLRVFQFLRYTKEEEVKRIVSGIIHHTQAPKLLKRLFLFSYATAAQNNVTDPKNHTVMFDTLKD
WCWELERTKGNMKYKAVSVNEGKVCERLPAYFVVPTPLPEENVQRFQGHGPIIWCWSCHNGSALLKMSA
LPKEQDDGILQIQKSFLDGIYKTIHRPPYEIVKTEDLSSNFLSLQEIQTAYSFKQLFLIDNSTEFWDT
IKWFSLLESSWLDIIRRCLKKAIEITECMEAQNMNVLLEENASDLCLISSLVQLMMDPHCRTRIGFQ
SLIQKEWVMGGHCFDRCNHLRQNDKEEVPVFLFLDCVWQLVHQHPPAFEFTEYTLTVLSDSLYIPIFS
TFFFNSPHQKDTNMGREGQDTQSKPLNLLTVWDWSVQFEPKAQTLNPLLYVEKPKLDKGQRKGMRFKHQ
RQLSLPLTQSKSSPKRGFFREEDHLIKNLLGKRISKLINSSDELQDNFREFYDSWHSKSTDYHGLLLPH
IEGPEIKVWAQRYLRWIPEAQILGGGQVATL SKLLEMEEVQSLQEKIDERRHSSQAPQAEAPCLLRNSA
RLSSLPFPALLQRHSSKPVLPSTSGWKALGDEDDLAKREDEFVLDLGDV

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_001035536



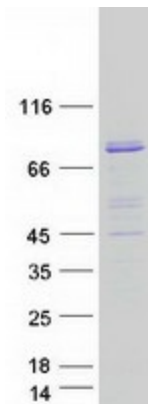
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RefSeq Size: 5187
RefSeq ORF: 2241
Synonyms: 3-PAP; PIP3AP
Locus ID: 54545
UniProt ID: [Q9C011](#)
Cytogenetics: 5p13.3

Summary: Phosphatidylinositide 3-kinase-derived membrane-anchored phosphatidylinositides, such as phosphatidylinositol 3-phosphate (PtdIns(3)P), regulate diverse cellular processes. The protein encoded by this gene functions as an adaptor subunit in a complex with an active PtdIns(3)P 3-phosphatase. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2014]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified MTMR12 protein (Cat# [TP314077]). The protein was produced from HEK293T cells transfected with MTMR12 cDNA clone (Cat# [RC214077]) using MegaTran 2.0 (Cat# [TT210002]).