

Product datasheet for **SC337218**

MTMR12 (NM_001294343) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MTMR12 (NM_001294343) Human Untagged Clone
Tag:	Tag Free
Symbol:	MTMR12
Synonyms:	3-PAP; PIP3AP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_001294343, the custom clone sequence may differ by one or more nucleotides

```

ATGCTGGGAAAGGAGTAGTCGGCGGTGGCGGGCACCAGGCCCAAGCCCTCCTTCGTGTCGTACG
TACGCCCTGAGGAAATTCACACAAACGAAAAGGAAGTAACAGAGAAGGAAGTAACCTTCACTTGTGCC
AGGTGAACAGCTGCTTTGTGAAGCCAGCAGTACTGAAGTATGTCCAGGAAGATTCCTGTGAGCATGGG
GTCTATGGGAGGCTTGTCTGCACAGACTTCAAGATTGCCTTCTTGGGTGATGATGAATCTGCATTGGATA
ATGATGAACTCAATTTAAGAATAAGGTTATAGGAGAAAATGACATTACACTCCACTGTGTTGATCAGAT
TTATGGAGTGTGTTGATGAGAAAAAGAACTCTCTTTGGACAACCTGAAGAAATACCCTGAGAAGCTCATC
ATCCACTGCAAAGACCTTCGAGTGTTCAGTTTTGTCTGAGGTACACAAAGGAAGAGGAAGTCAAAAGGA
TTGTGTCAGTGGCATAATTCATCATACCCAGGCTCCTAACTGCTTAAACGATTATTTCTGTTTTCTATGC
GACTGCTGCACAAAACAATACAGTCACTGATCCCAAGAACCATAACCGTAATGTTTGACACACTTAAGGAC
TGGTGTGGGAACTGGAACGGACCAAAGGCAACATGAAGTACAAAGCAGTGAGTGTCAACGAAGGCTATA
AAGTCTGTGAGAGATTGCCAGCATACTTTGTTGTCCCCACCCCTCTTCTGAAGAGAATGTGCAGCGCTT
TCAGGGTCATGGCATACCAATATGGTGTGGTCTGCCACAATGGAAGTGCCTTTTGAAATGTACGCA
CTGCCCCAAGAACAGGATGACGGCATTTCACAAATCCAAAAGAGCTTCTTAGATGGAATTTACAAGACCA
TCCACAGGCCACCCTATGAAATTGTTAAACGGAAGACCTGTCAAGCAACTTCCTGTCCCTGCAGGAAAT
CCAGACTGCATACTCTAAATTTAAACAGCTATTTCTGATAGATAACAGTACTGAATTTGGGACACAGAT
ATAAAATGGTTTTCTCTGTTGGAAAGTAGCAGCTGGCTTGACATAATCAGACGTTGCCTGAAAAAGCAA
TAGAGATTACAGAATGTATGGAAGCACAAAACATGAATGTTCTTCTTTAGAGGAGAATGCATCCGACCT
CTGCTGTCTCATTTCTCTCTGGTGCAACTGATGATGGACCCCACTGCAGAACCAGAATTGGTTTCCAG
AGCCTCATCCAAAAGGAGTGGGTGATGGGTGGCCACTGTTTCTTGGATCGCTGCAACCATCTCCGCCAGA
ACGACAAAGAGGAGGTTTCTGTGTTCTGCTTTTCTAGATTGTGCTGGCAGCTGGTGACCAAGCATCC
CCCGGCATTTGAATTCACAGAGACTTACCTGACTGTTTTGTGATAGCCTGTATATACCTATTTTAGC
ACCTTCTTCTCAATTCACCTCATCAAAAAGATACTAACATGCATCAACGACAACCTTTCTTGCCACTTA
CACAATCTAAGTCATCTCCAAAAGAGGATTTTTCAGGGAAGAAACAGATCATTTAATTAACCTTCT
GGGCAAGAGAATTAGCAAACTTATTAATTTCTGATGAGCTCCAAGACAACCTTCGAGAGTTCTATGAC
AGCTGGCATAGCAAGTCCACTGACTACCATGGTTTGTGTTACCGCATATCGAGGGGCCGAAATCAAAG
TCTGGGCCAGCGCTACCTACGTTGGATTCCAGAAGCCCAATCTAGGTGGTGGCAAGTGCCACTCT
GAGCAAACTCTTGAAATGATGGAGGAAGTCCAGAGTTTACAAGAGAAGATCGACGAGAGACACCACAGC
CAGCAGGCCCCCAGGCTGAGGCCCCCTGCCTGCTGAGGAACCTGCCCCCTCTCGTCTTTGTTTCCTT
TCGCTCTGCTCCAGCGACATTCTCTAAGCCCGCTTACCACCAAGTGGCTGGAAGCTTTGGGAGATGA
AGACGATTTGGCCAAACGAGAAGATGAGTTCGTGGACCTAGGGGATGTGTGA
  
```

Restriction Sites: SgfI-MluI

ACCN: NM_001294343

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001294343.1, NP_001281272.1</u>
RefSeq Size:	5036 bp
RefSeq ORF:	2082 bp
Locus ID:	54545
UniProt ID:	<u>Q9C0I1</u>
Cytogenetics:	5p13.3
Protein Families:	Druggable Genome
Gene Summary:	Phosphatidylinositol 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] Transcript Variant: This variant (2) lacks an in-frame exon in the 3' coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.