

Product datasheet for **MC218317**

Mtmr7 (BC032254) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mtmr7 (BC032254) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mtmr7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC032254
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCACATCCGCACGCCAAGTTGAAAACGTGCGCTTGGTAGACAGAGTGTCTTGTAAAAAGGCAG
 CGCTGGGAACTTTGTATCTGACGGCCACTCACGTATATTCGTGGAAAATGCACCTGACACAAGAAAAGA
 AACCTGGATTCTGCACAGTCAGATCTCCACCATTGAAAAGCAGGGCACAACAGCTACGGGCTGCCCTCTG
 CTTATTCGCTGCAAGAACTTCCAGATCGTACAACCTTGTCACTCCACAGGAGAGAGACTGCCACGACGTGT
 ACATCTCTCTGATACGCCTTGCACGGCCAGTGAAGTACGAGGAGCTATACTGCTTTTCTTCAACCCCAA
 GCTGGATAAGGAAGAACGGGAGCAGGGCTGTTGCTGTTGACCTTAGTGAAGAATAACAAGCAATGGGC
 CTCCTGATAATTATTGGCAGCTCAGCGATGTGAATAGAGACTACAGAGTTTGTGACTCTTACCCACGG
 AACTGTACGTCCCAGATCGGCCACGGCACACATCATCGTGGCAGCTCCAAGTCCGGAGCAGACGGCG
 ATTTCTGCCCTTCTACTACTGTAAAGACAGCCATGCCTCCATCTGCAGGAGCAGCCAGCCCTTTCC
 GGCTTCAGCGCTCGGTGCCTGGAGGATGAGCAGATGCTCCAAGCCATCAGGAAAAGCCAATCCTGGAAGT
 ACTTCATTTATGTCGTGGACACAAGGCCTAAACTTAATGCGATGGCAAATCGTGTGCAGGGAAAAGGCTA
 TGAGAATGAAGACAATTATTCGAATCAAGTTTCACTTATCGGCATAGAGAACATCCACGTATGAGG
 AACAGTCTTCAGAAAATGCTGGAAGTGTGTGAACCTAAATCTCCCTCTATGAGTGATTTCTGTGGGGAC
 TGGAGAACTCAGGCTGGCTGAGGCACATCAAAGCCATCATGGATGCAGGGATCTTCATTGCAAAGGCAGT
 TTCAGAGGAAGGGCAAGTGTGCTTGTCTACTGTTCTGACGGCTGGGACAGAACGGCCAGGTGTGCTCG
 GTGGCTAGCCTGCTGCTGACCCTTACTACCGGACTCTGAAAGGATTCATGGTATTAATTGAAAAGGACT
 GGATTTCTTCGGACATAAATTTAATCATAGATATGGCAACTTAGATGGTACCCAAAAGAAATCTCTCC
 AGTAATCGACCAGTTTATTGAGTGTCTGTCGAGCTAACGGAACAGTTCCTTGCCTTTGAGTTCAAC
 GAGAGTTTCTGACTCACATTCAGCATCATGTTTATTCTGCCAGTTTGGAACTTCTGTGTAATAGCC
 AGAAGGAGAGGCGAGAATCAATGAGAATGGAAAAGCAAAAAGGGTTACGGTTCCTTAAGGAGGACTC
 CTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC032254

Insert Size: 1404 bp

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: [BC032254](#), [AAH32254](#)

RefSeq Size: 2817 bp

RefSeq ORF: 1403 bp

Locus ID: 54384

Cytogenetics: 8 A4

Gene Summary: Phosphatase that specifically dephosphorylates phosphatidylinositol 3-phosphate (PtdIns(3)P) and inositol 1,3-bisphosphate (Ins(1,3)P2).[UniProtKB/Swiss-Prot Function]