

Product datasheet for **MC201468**

Moap1 (NM_022323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Moap1 (NM_022323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Moap1
Synonyms:	AA987038; Map-1; Pnma4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC014715 sequence for NM_022323
GCTGAGTGGTCGCCATGGAGCTTTCGGGCGAGTACGTCGGTTGTGACGGGGAGCCGACGGCTACGAGT
GTCCTGTGAGGCGTGGGAGACGCGGACCTCTCCAGAGCCTGTGCGCGGGCGTGGTCCGGATGAAGGAG
TTGGTAGCGGAGTTCTTCGGGACCTAGTGGAGCAGGACGCGCAAGGCTTGGCGGAAGATCCGGACGACG
CTTTGGATGGCTCCCGGACCTCTGCGTGTAAAGAGACGAGCACGCACATCACTGTAAGCGGCGGGCGG
GCGGCGGGCCCTGGTCAATTAGAATTTAAATACTCTGAGCACCATGACACTGAGACTTCTAGAAGACT
GGTGCAGAGGGATGGATATGAATCCTCGGAAAGCACTATTGGTTGCCGGCATCCCTCCGACCTGCGGAGT
GGCAGACATAGAGGAGGCCCTGCAGGCTGGCCTTGGCTCCCTTAGGGGAACACAGACTGCTTGGGAGGATG
TTCAGGAGGGATGAGAACAAGAATGTAGCCCTGATTGGGCTTACAGTAGAGACTGGCAGTGCCCTGGTCC
CCAAGGAAATACCTGCAAAGGAGGTGTCTGGAGAGTGATCTTTAAGCCTCTGATACTGATAGTACTT
TTTGTGCAGATTAATGAGTTTTTAAAGGGGGAGGGCATGACGATGGGTGAATTAACCAGAGTTCTTGGG
AATCGGAATGACCCTCTCGGCCTAGACCCGGGCATAATGATCCCTGAAATTCGAGACCCATGTTAGCAC
AGGCATTAATGAGGCCCTTAAGCCTACCCTGCAGTATCTGAGGTACAAAAGCTGAGTGTGTTCTCAGG
CAGGGATCCTCCAGGACCAGGTGAGGAAGAATTTGAATCTTGGATGTTTCATACTCCCAAGTAATGAAA
ACATGGCAGGTGTCAGATGTAGAGAAAAGAAGGCGGTTGATAGAGAGCCTTAGAGGTCCAGCATTGAAA
TTATTCGAGTCCCAAGATAAACACCCCTTCATTACAGTTGCAGAATGCCTGAAGACGCTTGAGACAAT
ATTTGGGATTATTGATAATCCTAGAGCATTGCAGGTCAAATACCTTACTACTTATCAGAAGACTGATGAA
AAGCTGTCTGCCTATGTTCTAAGGTTGGAGCCTTATTGCAGAACTGGTTCAGAAAAGGAGCAATTGAGA
AAGAAGTTGTGAATCAGGCCCGTCTAGACCAAGTCATTGCTGGGGCAGTCCACAAATCAGTTCGAAGAGA
GCTTGGGCTGCCGGAGGGTAGCCAGCCCCAGGCTTACTGCAGTTGCTGACACTGATAAAAGATAAGGAG
GCCGAAGAAGAAGAGTCCCTCCTCAGGCCGAATTAGAAGGCTATTGCACTTGACCCAAGACCCAAGGCT
GTCATGAGCAGAACAAAGATGGAAGAGCTCATTGCAGAGATCAGCCATCCACTCTTTATGCTGCCAAAGT
AACTCGCCCTTTGTCGTGTTGTTTACTGAATGTCTCCCAATGTTTTACTGATAAAAATGATGTCATTCT
ACACTGATAATTATTTAAATCAAAGACCACTTCTGCTAGTACAGTGTCCAGCAAGTCAAAGTTTATAT
GCATGTTAATAGTCATATGTGATGGTGTATCAGTTATCAATAGTTTTTCAAGGTGTGCCACATTTATG
CTGAAGACCCTGAGCCAAGGCTGGTTAAGATATTTAGTTTCTTTTATAAAATCAGTTATCGATTCTGTG
CAATCAAAGACACAAGTGAATGCTGTGGTCAGTTCTACAAGTGTGTTTGGTTTGTGACTATCTGATAT
GTTGCCAAACGCTGCTTCTAAATATCATTTTCTGGAGTAATAAGAAATGATAATAAAAAAAAAAAAAA AAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_022323

Insert Size: 1059 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: [BC014715](#), [AAH14715](#)

RefSeq Size: 1904 bp

RefSeq ORF: 1059 bp

Locus ID: 64113

UniProt ID: [Q9ERH6](#)

Cytogenetics: 12 E

Gene Summary: Required for death receptor-dependent apoptosis. When associated with RASSF1, promotes BAX conformational change and translocation to mitochondrial membranes in response to TNF and TNFSF10 stimulation (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. 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.