

Product datasheet for **MC205415**

Mycbpap (NM_170671) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mycbpap (NM_170671) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mycbpap
Synonyms:	4932408B01Rik; AMAP-1; AW125474
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC027327
 CCGCACATTGCCTTGGCGAAGAAGCAACAGGAAGCTCTCAGCAAGCACCTGAAGAAGCCAGCCAGTGAGC
 TGTTGATGCATACCGGGGAGAGCTATAGGAAGATCCAGGAGGAGCGGAGGTCATTGACCGTGCACCTTCC
 CACCCAGCATGACGGAAGCAACCAAGTGGTTCTGGAGTCCACTGGAATACCTGGGTGATGAGATGACA
 GGTCTTTCATGACCAAAAAGAAAACACTCAGCGTGGTCTGGTGGAAACCCATCACACACATCAGGAAGCCCC
 TCTCCATCCAAGTGGAGACTGGATTACCAGCCCAGAAGGATGCTTGGTACCGCTACACCTGGGACCGGAG
 TCTGTTTCTGATCTACCGACGCAAGGAGCTGCAGAGTATCATGGCAGAGCTGGATTTAGCCAGCAGGAT
 ATCGATGGCCTGGAGGTGGTGGCCATGGGAAGCCCTTCTCATCTGTACAGTGGGAAGAACATTTGCCAC
 CTGAAAAGATCCAGAAGAGCTCCTCGGAAGACACGGTATTTCTAGACTCCTTGACCAACCTCCTCCGACAT
 GGTCCCATGCCTATTCTCGGCCCTTCGCTGCTGTTCTGTGGGAAGCCAGCTTGCTGGGTGAGAGCCAGT
 AACCCAGAGGACAAGAAAACATCGGAATTGGTGTCCGCCTGACATTTGAAACCTTGAAGGGGAGAGAA
 CGTCTCAGAAGTACTGTGGTCAATAACGGCACGGTGGCCATTTGGTACAAGTGGGAAGGCGGCCCA
 CCAGGATTTTTTCAAGACCTAAAGCAAAACAAGACGCAGAGGTTTTACTTTAACACCGGGAAGGTGTG
 ATTCTGCCGGGAAACCAAACTTTACCTTCTTCAAGTCTCTGAATGCTGGCATCTTCAGGGAAT
 CTTGGGAGTTTGGGACCCACCCTACGCTCCTGGGAGGTGCTGTCCTTCAGGTCACCTCCATGCCATCTC
 ACTGACCCAGGACATTTTATGGATGAGAGGAAGTTGTTGGAGACAAAGCTGGCTGCCACAGAGGCCATC
 ACCATTGCCAGAGCGTCTGCAGGACTTACTGAGGGGCATCTCCACGCCAGAGCCACACCATCCCCGG
 TGGACCGTATCTCACCGAGGAGGACTTGTCAACTACAGGAATCCTAGGTTGCATTACCAGCATCAAGT
 GGTGCAAACTTGACCAGCTGTGGCAACAGTACAGGAAGGCCAAGGCAACCCAGAAGGAAACCCCCAGC
 CTCAGAAGTCCAGTGGCGTTACTGTTGGTGGAGAAGGCCCTCAGGTTTCGATAAGCCCCAGGAACCTGGTCT
 CAGAGTACTCGCAGCTGTGCGCCATCAGGAGATGGACACCGCCAGGAAGACTCGGGACTTCTTCTGTC
 TCTGAAGTCTAGCATAGGAAAGAAGAGTGTGGCACGGAAGAGCATTATGGAGGAAGTGGTGGAGGAG
 GGTCCGGACAGGGAGACCACCCAGCGCCCTGGGCTCTGAAAAGCGTTTTCCCGCCTAAGTGGAACTGT
 GTCTAGAGGACTTCAGACAGGCAGTGTGACCTTCCCGAGGAGCTCCAGAGAGAGGATGCCCTCATCCA
 GCTCAACAAGGGCGCAATGGAGCTGTGTAGGAGCAGAAGCCACTGCAGTCGGACCTCCTATACCAGATG
 TGTCTGCAGCTGTGGCGAGAGCTGATTGACAGCCTGGTAAGCCAGTCCCTGTGGCTAAGAAATCTTCTGG
 GCCTGCCTGAGAAGGAGACGGTTTATTTGGATCTTCCAGATGAACAAGGTCAAAAATCCCCTCCAGTCA
 CAGAGTCAAGGTGACAAGTGGGAAAGCTGGGAAGGAGGATCGGAGAGGGGGCGCACAGGAGAAGAAACA
 CTGGGTACCAAGACAAGATGATAAAAGGGGTTCCAAGACACCAGGAAAGAGGACCGCCGAATAGCA
 AAAAAGTAAAACAAAAGATGACAAGAAAGTGGTAAAGTCTGCAAGCCGGGACAGGCTACTCTCAGAAGA
 TCCTCCCCCTGACAGCACGGCACCTCCCAGGAGCCCATAGACCCCTGGTCATGGAGAAATATACCCAG
 CGGTTGACGCTGAGGCTATGCGTTGCTGGACAACCTGGTACAGATGTGATGGTCTGGCTGATGAGC
 TCAGCTCTACAAAGAATGTTGAAGAGTCTTACGTTTTTGCAGCTGATTCTTGGACCCAAGCTTCTCTCT
 GGGAAAGTGGTTGAAAAAGTCAATAAAGAATCTTTAGGTTCTAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_170671

Insert Size: 2142 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: [BC027327](#), [AAH27327](#)

RefSeq Size: 2326 bp

RefSeq ORF: 2142 bp

Locus ID: 104601

UniProt ID: [Q5SUV2](#)

Cytogenetics: 11 D

Gene Summary: May play a role in spermatogenesis. May be involved in synaptic processes (By similarity).
[UniProtKB/Swiss-Prot Function]