

Product datasheet for **RN205515**

Mycbpap (NM_001009482) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mycbpap (NM_001009482) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mycbpap
Synonyms:	COD106
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN205515 representing NM_001009482

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGACGCCTTGGCGCTCTCTAGCGCCTCACGTGACGTCAAGAGGCCGACGGGAAAAGAAGCGGGCGAAGG
CACCTGAACAGCCACCCCCCATCCAGGAAGAGCCTGAGCCTGTCAGCAATGTCTTACAAGGAGATGA
CATTCTTGCCTTGGCCATCAAAAAGGAAGACTTGACGAAGCAACACATTCTCAGTTTGAAGAAAACAGGA
GAAAAGCCTGTGGTTACACAGAAGTTTATCATCCGTAAGCTCAAACCGAAAGATTCTTGCAAAAAGGTCT
ACCACTTGGTAGCACATCCTGCTAATCCAGATGCCACCACAAAGCCTCTGGACTACTCCGGTCTCGGGA
CAGCTTCTTAAGTAGTGACCAGATCCTCCCTCACCAGATCCTGGGAGTCTTCAGGACTTTAAAAGAATC
GCAGTTGCTCGGGAAACACCCAGCTGGCTAACTGATCAATATCCAGCCCTGCCTGATGACCCTCATCT
CAGCTAAAGAAGAGCCAAAGCCTAAGTCTCCAAAGGAGGAGAAGAGGCCTCCATGGGCCCCACCTCTTCA
GCACAACCTTCTCAAGAACTGGAGACGGCACATCACCTTGCAGGAAGAAGCAACAGGAAGTTCTCAGTGAG
CACCTGAAGAAGCCAGCAAGTGAGCTGTTGATGAACAGTGGGGAGGGCTACAGAAAAGATCCAGGAAGAGC
GAGAGGCCATTGACCGTGCACTTCTACCCAGCATGACAGAAAAGCGATGAATTGTTTCTGGAGCCCGCT
GGAATACCTGGGTGATGAGAAGTCAGGTCTTCTCATGACCAAGAAGAAAAAGCAGCGTGGTCTGGTGGA
CCCATCACACACATCAGGAAGCCCTTCTCTATCCAAATGGAGACTGGATTACCACTGCAGAAGGATGCTT
GGTACCGCTACACCTGGGACCGGAGTCTGTTTCTCATCTACCGACGCAAGGGGCTACAGAATATCATGGC
AGAGCTGGATTTAGCCAGCAGGATATCGATGGCTGGAGGTGGTGGCCATGGGAAACCTTCTCATCT
GTCACAGTGGAAGAACCTTTGCCACTTGAAGAGGCCAGAAGAGCTCCTCGGAAGACACGGTATTTCTAG
ACTCATTGACCAACCTCTCCGACATGGTCCCTATGCCTATTCTCGGCCCTTCACTGCTGTTCTGTGGGAA
GCCAGCTTGTGGATCAGAGGCAGTAACCCAGAGGACAAGAAAAACATTGGAATTGGTGTCGCGCTGACA
TTTGAAACCTTGAAGGGGAGAAAAATCTTCAAGAACTGACTGTGGTCAATAACGGCACTGTGGCCATTT
GGTATGACTGGAGAAGCGGCCCGCCAGCAGGATTTTTTCCAAGACTTAAAGCAAAACAGGACACAGAGATT
TTACTTTAAACACCGGAAGGTGTGATTCTGCCCGGGAAACCAACACTTTACCTTCTTCTTCAAGTCT
CGGAATGCTGGCATCTTCATGGAATCATGGGAGTTTGGGACCCATCCTACGCTCCTGGGAGGTGCGGCC
TTCAGATCACCTCCATGCCATCTCACTGACCCAGGACATTTTTATGGATGAGAGGAAGTTGTTGGAGAG
TAAGCTGGCTGCTCATGAGGCTGTACCATTTGCTCAGAGCGTGTGCAGGACTTACTGAGGGGCGTCTCT
ACTCCAGAGCGTGACCATCCCCAGTGGATGCCTATCTACCGAGGAGGACTTGTCCACTACAGGAATC
CTAGGTTGCATTACAGCATCGAGTGGTGCAAACTTGCAACAGCTGTGGCAACAGTACACGGAGGCCAA
GGCATCCCAGGAGGAAGCCCTCAACCTTAGAACTCCGACAGTGCCGTTACTGTTTGTGAGAAGCCCCCA
GATCACAGCAGGACCCCTGGCCTCAGAGTACCCACAACCTGCAACCTCATCAGGAGATGGACACCCCTCAAGG
ATCCTAAAAATCCCTCTGCCTCAGAAGACTGGCATCAGCACCAGAGTATGCAACGGAAGAGCATCAT
GGAGGAGATTCTGGTGGAGGAGGGTCCGGACAGGGAGAACACAGGAGCCCCAGGGTTCTGGAAAACCTT
CCCCCGCTAAATGGAACCTGTGCCTAGAGGACTTCAGACAGGCAGTGATGACCTTCCCTGAGGAGCTCC
AGAGAGAGGATGCTCTCATCCAGCTCAACAAGGCAGCGATGGAGCTGTGCCAGGAGCAGAAGCCACTGCA
GTCCGACCTCCTGTACCAGATGTGTTTGCAGCTGTGGCGAGATGTGATTGACAGCCTAGTTAGCCAGTCC
CTGTGGCTAAGAAGTCTTCTAGGCCTGCCTGAGAAGGAGACGGTTTATTTGGATATTCCAGACGAAGGTC
AAAAATCCCTCCAGTCACAGAGGTGAAGGTGACATCCGGGAACTTGGAAAGGAGGATCGGAGAGGGGG
TGCCAGGAGAAGAAACAACCTGAGTGCCAGAGACAAAGAGGAAAAAAGGGTTCCAAGACACCATCGAAA
GAGGACCGCTGAATAGCAAAAAACAGAAGGCAAAAGATGACAAGAAAGTGGTGAAGTCCACAAGCCGGG
ACAGGCTGCTCTCAGAAGATCTCCGCTGACAGCTCGGCAACCTCACAGGAGCCCATAGACCCCTAGT
CATGGAGAAATATACCCAGCGTTGTACTCTGAGGTCTATGGGCTGCTGGACAACCTGGTGATAGACATG
ATGGTCTAGCAGATGAGCTCGGCTCCGAAAAGAAATGTTGAAGAGCCTTTACGTTTTGTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001009482
Insert Size:	2796 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:	<u>NM_001009482.1</u> , <u>NP_001009482.1</u>
RefSeq Size:	2893 bp
RefSeq ORF:	2796 bp
Locus ID:	494192
UniProt ID:	<u>Q69CM7</u>
Cytogenetics:	10q26
Gene Summary:	May play a role in spermatogenesis (By similarity). May be involved in synaptic processes. [UniProtKB/Swiss-Prot Function]