

Product datasheet for **MC203990**

Mpg (NM_010822) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mpg (NM_010822) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mpg
Synonyms: 9830006D05; Aag; AI326268; APNG; Mid1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC014754
GGTGGCCTGGCCTGTGCTGGCGGCGACTAGATGCCCGCGCGCGGTGGTAGTGCAGCGCCCGGGCAGAGGAT
CCCTAAAACCGGTGTCCGTGACCCTGCTCCCCGACACCGAGCAGCCTCCATTTCTTGACGAGCCCGCCG
CCCAGGGAATGCCAGAGCAGGATCCCTAGTGACCGGATATCATGAGGTCGGCCAGATGCCAGCGCCGCTT
TCCCGAAAAGATTGGGCAAAAAAGCAGCGACTGGCAGATTCAGAGCAGCAGCAGACCCCTAAGAGAGAC
TCCTGTGACCCCGGCCCTCCGGCGGAGTACTACTTCTCCAGCCAGAGGACCATTCTGGCCGGCTAGG
ACCAGAGTTTTTTGACCAGCCAGCAGTACCCTAGCCCGTGCATTTCTGGGACAGGTTCTGTCCGGCGA
CTCGCTGATGGAACAGAAGTCCGTGGGCGCATTGTGGAGACTGAGGCATACTTGGGGCCAGAAGATGAAG
CTGCTCACTCAAGAGGTGGCCGGCAGACCCCGGAACCGTGGCATGTTTCATGAAACCTGGGACCCTGTA
TGTGTACCTCATCTATGGCATGTACTTCTGCTTGAATGTCTCTAGTCAAGGGGCTGGGGCTTGTGCTTG
CTAAGAGCACTAGAGCCCTGGAGGGCTGGAGACCATGCGGCAGCTTCGTAACCTCCGAAAAAGCA
CTGTCCGGCCGTTCCCTCAAGGACCGTGAACCTGTAGTGGTCCCTCCAAGCTGTGCCAGGCCCTGGCCAT
TGATAAGAGCTTTGACCAGCGAGACCTGGCTCAAGATGATGCTGTGTGGCTGGAGCATGGCCCTCTGGAG
TCCAGTAGCCAGCTGTGGTGGTGGCAGCAGCCGATAGGTATTGGTCAATGCAGGGGAGTGGACACAGA
AGCCCTTTCGCTTCTATGTCCAGGGCAGCCATGGGTGAGTGGTAGACAGAGTGGTGAACAGATGGA
TCAGCCTCAGCAACAGCCTGCTCTGAGGGGCTTTAATTGTTCAAAAAGTAAAATAAATATCCCGTTTTT
AGAGAACTGTCCCAAGTCTCAGCCAGAATTTGTGTTTCATGCAGTTAATTTCTTTATCCGGGTCAGGAAAC
TGGGTTACCCAGTATGTATGGCAACAGAGAGGAAAAACATCAACGTGCAGGTGTATACACCTAGGAACAG
AATGAGCTGAACAGGTGTGTTTAGACACTTCCAGGGCAGCTCCACAAGGGACCGCCGAAAGGGATGA
CAAGGACATAACCTGTATGTGTATAAAGAAAGGACTTGGACTCTGAAGACACATCCTGGGGCTGGAGAG
ATGGCTAGGTGGTAAAGGCACTTCTGCTTAAACCAGAGGTCCTGAGTTCAATTTCCACCAACACAT
GGTGGCATGTAATGCCCTCTTCTGGTGTCTGAAGACAGCAACAGTATACTCACATACGTTAAATAAATAC
ATCTTTAAAAAAAAGTACATCCTGGAAGACCTTCTCCAGCTCAGCAATATTAAGCTGCCGTAAGGAC
CAGATTGAAGAGGGAGGCTGGTGGGTAGGAGAGAGCAATGGTTAACAGTGTCTTCTGCTCTTCTGCTGTT
CCCAGCCCCACCCCAATGGCTCACAACCTCTGTAACCTAGCTCCAAGGCATGCTTTCTTCTGACCTCT
GAGGGCACACATACACAAAAACCATAAATAAAAAATAAATATATTTTTTACAAGTAAAAAAGAAAAA A



[View online >](#)

Restriction Sites:	RsrII-NotI
ACCN:	NM_010822
Insert Size:	1002 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:	<ol style="list-style-type: none">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:	BC014754 , AAH14754
RefSeq Size:	1751 bp
RefSeq ORF:	1002 bp
Locus ID:	268395
UniProt ID:	Q04841
Cytogenetics:	11 18.83 cM
Gene Summary:	Hydrolysis of the deoxyribose N-glycosidic bond to excise 3-methyladenine, and 7-methylguanine from the damaged DNA polymer formed by alkylation lesions. [UniProtKB/Swiss-Prot Function]