

Product datasheet for MC209223

Prg2 (NM_008920) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prg2 (NM_008920) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prg2
Synonyms: EMBP; MBP; mMBP; mMBP-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209223 representing NM_008920
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAATCCCTCTACTTCTGGCTTTCTAGTCGGGGAGCGTCTGCTTTCATCTGAGCTCTGAACTT
 CTGACTCCAAAAGCCATTGATGGATGAGAACTGCCTAGGGATGCAGAGATATCAGGACCAGAAGGAGA
 AGAGTGTCTCCAGGGGAAGAGCTAATGCCACTGGAGGGGAGAAGGAAGAAGGTTCTGGAAGTGAAGT
 GTTCTGGGGATGAAGGAGCTGTCTCAGGTCAGGATGTGACAGACGTGGACCTTCAGTGCCCAAGGAAG
 AGGACACAACAAGTCTTATGGGTGACTCTGGATGCAAGACCTGTGCTACCTCCTAGTCAGGAGGGCTGA
 ATGCTTTGACAAAGCTCAGTCAGTTTGCCGGCGCTGCTACCGGGGCACCCTCGCCTCCATCCACAGTTTC
 AGTGTTAACTTCGGAATCCAGTCCGCTGTCAAGGGAATCAACCAGGGTCAAGTCTGGATTGGAGGCAGGA
 TCAAGGGCTGGGGCCGATGCAAACGCTTTCGATGGGTTGATGGAAGTTCTTGAATTTGCATACTGGGC
 TGCTGGGCAGCCTTGCCCTGGTGGTGGCAGATGTGTGACCCTGTGTACTCAAGGAGGCCACTGGCGTCTA
 TCTCACTGTGTCAAGAGACGTCCCTTCATCTGTTTCGTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008920
Insert Size: 672 bp



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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:	<u>NM_008920.4</u> , <u>NP_032946.1</u>
RefSeq Size:	838 bp
RefSeq ORF:	672 bp
Locus ID:	19074
UniProt ID:	<u>Q61878</u>
Cytogenetics:	2 49.45 cM
Gene Summary:	Cytotoxin and helminthotoxin. MBP also induces non-cytolytic histamine release from basophils. It is involved in antiparasitic defense mechanisms and immune hypersensitivity reactions (By similarity).[UniProtKB/Swiss-Prot Function]