

Product datasheet for SC116318

PRG3 (NM_006093) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRG3 (NM_006093) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRG3
Synonyms:	MBP2; MBPH
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116318 sequence for NM_006093 edited (data generated by NextGen Sequencing) ATGCAACGCCTCTTGCTCCTGCCCTTTCTCCTGCTGGGAACGTTTCTGCTCTTCATCTG GAGAATGATGCCCCCATCTGGAGAGCCTAGAGACACAGGCAGACCTAGGCCAGGATCTG GATAGTTCAAAGGAGCAGGAGAGAGACTTGGCTCTGACGAGGAGGTGATTGAGGCAGAG GGAGAGGAGGTCAAGGCTTCTGCCTGTCAAGACAACCTTTGAGGATGAGGAAGCCATGGAG TCGGACCCAGCTGCCTTAGACAAGGACTTCCAGTGCCCCAGGGAAGAAGACATTGTTGAA GTGCAGGGAAGTCCAAGGTGCAAGACCTGCCGCTACCTATTGGTGCGGACTCCTAAACT TTTGCAGAAGCTCAGAATGTCTGCAGCAGATGCTACGGAGGCAACCTTGCTCTATCCAT GACTTCAACTTCAACTATCGCATTCACTGCTGCTAGCACAGTCAACCAAGCCCAGGTC TGGATTGGAGGCAACCTCAGGGGCTGGTTCCTGTGGAAGCGGTTTGTGCTGACTGATGGG AGCCACTGGAATTTGCTTACTGGTCCCCAGGGCAACCTGGGAATGGGCAAGGCTCCTGT GTGGCCCTATGCACCAAAGGAGGTTATTGGCGACGAGCTCAATGCGACAAGCAACTGCC TTCGTCTGCTCCTCTAA Clone variation with respect to NM_006093.3 7 t=>c;326 t=>c


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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_006093 unedited CAAAAATTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACGAGCTTGAAGGGGCT ATACTAGACACACAAAGACAGCCCAAGAAGGACGGTGGAGTAGTGCTCCTCGCTAAAAGA CAGTAGATATGCAACGCCTCTTGCTCCTGCCCTTTCTCCTGCTGGGAACAGTTTCTGCTC TTCATCTGGAGAATGATGCCCCCATCTGGAGAGCCTAGAGACACAGGCAGACCTAGGCC AGGATCTGGATAGTTCAAAGGAGCAGGAGAGAGACTTGGCTCTGACGGAGGAGGTGATTC AGGCAGAGGGAGAGGAGGTCAAGGCTTCTGCCTGTCAAGACAACCTTTGAGGATGAGGAAG CCATGGAGTCGGACCCAGCTGCCTTAGACAAGGACTTCCAGTGCCCAAGGAAGAAGACA TTGTTGAAGTGCAGGGAAGTCCAAGGTGCAAGACCTGCCGCTACCTATTGGTGCGGACTC CTAACACTTTTGAGAAGCTCAGAATGTCTGCAGCAGATGCTACGGAGGCAACCTTGCTCT CTATCCATGACTTCAACTTCAACTATCGCATTCACTGCTGCACTAGCACAGTCAACCAAG CCCAGGTCTGGATTGGAGGCAACCTCAGGGGCTGGTTCCTGTGGAAGCGGTTTTGCTGGA CTGATGGGAGCCACTGGAATTTTGCTTACTGGTCCCCAGGCAACCTGGGAATGGGCAAGG CTCCTGTGTGGCCCTATGCACCAAAGAGGTTATTGGCGACGAGCTCATGCGNACAGCACT GCCCTTCGTCTGCTCCTTAGCCACGCGACGAGACCTGCCAGCAGCTNCCTCCCGT CCCCCACCTNTNCTGCTCATAAATCCAGACTTCCNCAGCANAAAAAAAAAAAAAACTC ACTCTAAATGCGGGCCGCGGCTATTAAGTGTCTGACAGAAACCAGGNTGGCATCCCTG TGACCCTC
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_006093 unedited CGTGCCGCTGGCTTAAAGGAGCAGACGAAGGGCAGTTGCTTGTGCGATTGAGCTCGTCG CCAATAACCTCCTTTGGTGCATAGGGCCACACAGGAGCCTTGCCATTCCAGGTTGCC TGGGGACCAAGTAAGCAAAATCCAGTGGCTCCCATCAGTCCAGCAAAACCGCTTCCACAG GAACCAGCCCCTGAGTTGCCTCCAATCCAGACCTGGGCTTGGTTGACTGTGCTAGTGCA GCACTGAATGCGATAGTTGAAGTTGAAGTCATGGATAGAGACAAGGTTGCCTCCGTAGCA TCTGCTGCAGACATTCTGAGCTTCTGCAAAAGTTTtaggagTCCGCACCAATAGGTAGCG GCAGGTCTTGACCTTGGACTTCCCTGCACTTCAACAATGTCTTCTTCCCTGGGGCACTG GAAGTCCTTGTCTAAGGCAGCTGGGTCCGACTCCATGGCTTCTCATCTCAAAGTTGTC TTGACAGGCAGAGCCTTGACCTCCTCTCCCTC
Restriction Sites:	NotI-NotI
ACCN:	NM_006093
Insert Size:	870 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_006093.2, NP_006084.1</u>

RefSeq Size:	868 bp
RefSeq ORF:	678 bp
Locus ID:	10394
UniProt ID:	Q9Y2Y8
Cytogenetics:	11q12.1
Domains:	CLECT
Gene Summary:	Possesses similar cytotoxic and cytostimulatory activities to PRG2/MBP. In vitro, stimulates neutrophil superoxide production and IL8 release, and histamine and leukotriene C4 release from basophils.[UniProtKB/Swiss-Prot Function]