

Product datasheet for RC216191

PRG3 (NM_006093) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRG3 (NM_006093) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRG3
Synonyms:	MBP2; MBPH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC216191 representing NM_006093 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAACGCCTCTTGCTCCTGCCCTTTCTCCTGCTGGAAACAGTTTCTGCTCTTCATCTGGAGAATGATG
CCCCCATCTGGAGAGCCTAGAGACACAGGCAGACCTAGGCCAGGATCTGGATAGTTCAAAGGAGCAGGA
GAGAGACTTGGCTCTGACGGAGGAGGTGATT CAGGCAGAGGGAGAGGAGTCAAGGCTTCTGCCTGTCAA
GACAACTTTGAGGATGAGGAAGCCATGGAGTCGGACCCAGCTGCCTTAGACAAGGACTTCCAGTGCCCA
GGGAAGAAGACATTGTTGAAGTGCAGGGAAGTCCAAGGTGCAAGACCTGCCGCTACCTATTGGTGGGAC
TCCTAAAACCTTTTGCAGAAGCTCAGAATGTCTGCAGCAGATGCTACGGAGGCAACCTTGTCTCTATCCAT
GACTTCAACTTCAACTATCGCATT CAGTGTGCTGCTAGCACAGTCAACCAAGCCCAGGTCTGGATTGGAG
GCAACCTCAGGGGCTGGTTCTGTGGAAGCGGTTTTGCTGGACTGATGGGAGCCACTGGAATTTTGTCTTA
CTGGTCCCAGGGCAACCTGGGAATGGCAAGGCTCCTGTGTGGCCCTATGCACCAAAGGAGGTTATTGG
CGACGAGCTCAATGCGACAAGCAACTGCCCTTCGTCTGCTCCTTC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_006093.2](#), [NP_006084.1](#)

RefSeq Size: 868 bp

RefSeq ORF: 678 bp

Locus ID: 10394

UniProt ID: [Q9Y2Y8](#)

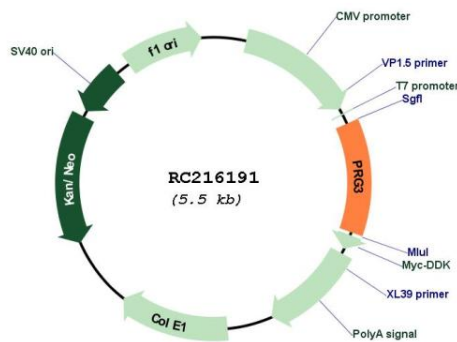
Cytogenetics: 11q12.1

Domains: CLECT

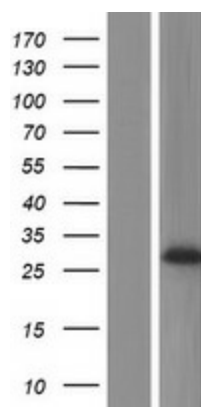
MW: 25.2 kDa

Gene Summary: Possesses similar cytotoxic and cyto stimulatory 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]

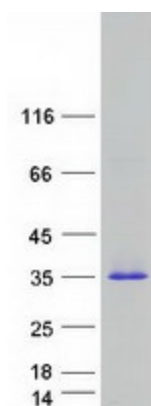
Product images:



Circular map for RC216191



Western blot validation of overexpression lysate (Cat# [LY416868]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC216191 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified PRG3 protein (Cat# [TP316191]). The protein was produced from HEK293T cells transfected with PRG3 cDNA clone (Cat# RC216191) using MegaTran 2.0 (Cat# [TT210002]).