

Product datasheet for **RN201239**

Prg2 (NM_031619) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prg2 (NM_031619) Rat Untagged Clone
Tag: Tag Free
Symbol: Prg2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201239 representing NM_031619
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAATTCCTCTACTTCTGGCTCTTCTAGTCGGGGAGCATTGCTCTTCATCTAAGCTCTGAAGCTT
CTGACTCCAAAAGCCCACTGGTGGATGAGAGCTTGCCTCGGGAAGCAGAGATATCAAGACCGGAAGTAGA
AGAATGCCCTCTGGGGAACAGCTAATGTCCCTGGAGGAGGAGGAGGAAGAGGAGGAAGAGGTTCT
GGAAGTGAAGGTGCTCTTGAAAATGAAGGAGCTGTCTCAGGTGAGGATGTGACAGATGAGAACCCTCAGT
GCCCAAGGAGGAAGACACAACGAGTCTGATGGGTGACTCTGGATTCAAGACCGGTGCTACCTCCTAGT
CAGGAGGCCTGAGTGCTTAAACAAAGCTCAGTTGGTCTGCCGGAGCTGCTACCGGGCACCTTGCTCCTC
ATCCACAGTTTCAAGTGTAACTCCGAATCCAGTCTTTGTCAGGGGAATCAACCAGGGTCAAGTCTGGA
TTGGAGGCAGGATTGTGGGCTGGGGTGGCTGCAAACGCTTCCGATGGATTGATGGAAGCTCTTGAATTT
TGCATACTGGGCTGCTGGGCAGCCTCGTCGCGGGTGGCAGATGTGTACCCTGTGTACCCGAGGAGGC
CACTGGCGCCGATCTGGCTGTGGCAAGAGACGCCCTTCATCTGTGCATAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031619
Insert Size: 684 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).



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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_031619.2</u> , <u>NP_113807.2</u>
RefSeq Size:	858 bp
RefSeq ORF:	684 bp
Locus ID:	58826
UniProt ID:	<u>Q63189</u>
Cytogenetics:	3q24
Gene Summary:	human homolog is the primary component of the eosinophil granule crystalline core; may play a role in allergic response and asthma [RGD, Feb 2006]