

Product datasheet for **RR202172**

Prb1 (NM_172064) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prb1 (NM_172064) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Prb1
Synonyms: Prpg1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR202172 representing NM_172064
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGGTGGTCTGCTCACAGCAGCCTTGTGGTTCTGAGCTCAGCTCATGGCTCAGATGAAGAGGTCA
TCTATGAAGACTCATCTTCTCAACTCTTAGATGTAGAGCAGCAGAACCAGAAACATGGTCAACATCATCA
GAAACCACCTCCTGCTTCTGATGAAAACGGTGATGGTGATGATAGCGATGATGGTGATGATGATGGCAGT
GGGGATGACGGAAATAGACCAGAGAGACCACCACCACACGGAGCAATCACCAGCGGCCTCTCCAGGAC
ACCACCATGGTCCACCCCATCAGGAGGCCCTCAGACATCCCCTCAGCCTGGAAAACCTCAAGGCCACC
CCCACAGGGTGGTCTCAGGGACCCCTCAGCCTGAAAACCCACAAGGCCACCCCCACAGGGAGGACAC
CAGCAGAGACCCCTCAGCCTGAAAACCCACAGGACCCAGCCAGGACGCAACCCATGAACAGCCAAGTT
ACCTATGGTCATTTTTTGCA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR202172 representing NM_172064
Red=Cloning site Green=Tags(s)

MLVVLLTAALLVLSSAHGSDEEVIYEDSSSQLLDVEQQNQKHGQHHQKPPASDENGDDSDGDDDDGS
GDDGNRPERPPPHGGNHQRPPPGHHHGPPPSGGPQTSPQPGKPPQGGPQGGPPQGNPQGGPPQGGH
QQRPPQPGKPDPAQDATHEQPSYLSFFA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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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_172064.1</u> , <u>NP_742061.1</u>
RefSeq Size:	529 bp
RefSeq ORF:	513 bp
Locus ID:	257652
Cytogenetics:	4q42
MW:	17.8 kDa
Gene Summary:	member of a family of proline rich proteins that are induced in salivary gland by isoproterenol treatment and by feeding tannins [RGD, Feb 2006]