

Product datasheet for MC209237

Prh1 (NM_011174) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prh1 (NM_011174) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Prh1
 Synonyms: A-ty; MP; MP2; Prp
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC209237 representing NM_011174
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGTGGTCCTGTTTACAGTGGCCCTGCTGGCCCTGAGCTCTGCTCAGGAACCCCGTGAAGAAAATC
 AGAATCAAATCCAGATCCCAAATCAAAGGCCACCTCCTTCAGGGTTCCAACCAAGACCGCTGTTAATGG
 GAGCCAGCAAGGCCACCACCACCAGGAGGCCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGA
 GGCCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGAGTACCACAGCCGAGACCCCTCAAGGCC
 CACCACCACCAGGAGGCCACAGCAGAGACCCCTCAAGGCCACCACCACCAGGAGGCCACAGCATAG
 GCCCCTCAAGGCCACCACCACCAGGAGGCCACAGCAGAGACCCCTCAAGGCCACCACCACCAGGA
 GGCCACAGCCTAGGCCCTCAAGGCCACCACCACCAGGAGGCCACAGCAGAGACCCCTCAAGGCC
 CACCACCACCAGGAGGCCACAGCTGAGACCCCTCAAGGGCCACCACCACCAGCAGGCCACAGCCGAG
 ACCCCTCAAGGCCACCACCACCAGCAGGCCACAGCCTAGGCCCTCAAGGCCACCACAACAGGC
 CCACAACCAAGACCTACTCAAGGCCACCCCAACAGGAGGCCACAGCAGCGACCCCTCAAGGCCAC
 CACCACCAGGAGGCCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGAGGCCACAGCCGAGTCC
 CACTCAAGGCCACCCCAACAGGAGGCCACAGCAAACCTCCTCTGGCTGAAACACACAAGGCCCA
 CCACAAGGCAGACCCAGGGACCTCGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_011174
 Insert Size: 870 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_011174.4</u> , <u>NP_035304.4</u>
RefSeq Size:	870 bp
RefSeq ORF:	870 bp
Locus ID:	19131
Cytogenetics:	6 G1
Gene Summary:	This gene encodes a member of the heterogeneous family of proline-rich salivary glycoproteins. The expression of this gene is dramatically induced in the parotid and submandibular glands of mice by beta-adrenergic stimulation. The encoded protein serves an important dental function by protecting mice against toxic dietary polyphenols such as tannins and influence the visco-elastic properties of the mucus. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 6. [provided by RefSeq, Nov 2015]