

Product datasheet for MC211955

Prp2 (NM_031499) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prp2 (NM_031499) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Prp2
 Synonyms: MP1; MP14
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >MC211955 representing NM_031499
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGGTGGTCCTGTTTACAGTGGCCCTGCTGGCCCTGAGCTCTGCTCAGGAACCCCGTGAAGAACTTC
 AGAATCAAATCCAGATCCCGAATCAAAGGCCACCTCCTTCAGGGTCCCAACCAAGACCGCTGTTAATGG
 GAGCCAGCAAGGCCACCACCACCAGGAGGCCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGA
 GGCCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGAGGCCACAGCCGAGACCCCTCAAGGCC
 CACCACCACCAGGAGGCCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGAGGCCACAGCCGAG
 ACCCCCTCAAGGCCACCACCACCAGGAGGCCACAGCAGAGACCCCTCAAGGCCACCACCACCAGGA
 GGCCACAGCAGAGACCCCTCAAGGCCACCACCACCAGGAGGCCACAGCCGAGACCCCTCAAGGCC
 CACCACCACCAGCAGTCCACAGCCGAGACCCCTCAAGGCCACCACCACCACCCGCCACACCTGAGACC
 CACTCAAGGCCACCCCAACAGGAGGCCACAGCAGCGATACCTCAAAGGCCACCACCACCAGGAGGC
 CCACAGCCGAGACCCCTCAAGGCCACCACCACCAGGAGGCCACACCCGAGACCCACTCAAGGCCAC
 CCCCACAGGCCACAGCCGAGACCCACTCAAGGCCACCCCAACAGGAGGCCACAGCAGCGACCCCTC
 CAAGGCCACCACCACCAGGTGGCCACAGCCGAGACCCCTCAAGGCCACCACCACCACCCCAACAGGCC
 CAGCCGAGACCCACTCAAGGCCACCCCAACAGGAGGCCACAGCAAACACCTCTGGCTGGA AAC
 CACAAGGCCACCACAAGGCAGACCCAGGGACCTCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_031499



Insert Size:	951 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:	<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_031499.2</u> , <u>NP_113687.2</u>
RefSeq Size:	951 bp
RefSeq ORF:	951 bp
Locus ID:	83380
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]