

Product datasheet for MC209150

Pcp2 (NM_001129804) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcp2 (NM_001129804) Mouse Untagged Clone
Tag: Tag Free
Symbol: Pcp2
Synonyms: L7; Pcp-2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209150 representing NM_001129804
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

**ATGGCAGGTTACCGGACCAGGAAGGCTTCTTCAACCTGCTGACCCACGTGCAGGGCGATCGGATGGAGG
 AGCAGCGCTGTTCTTGCAGGCTGGGCCAGGCCAGAACCCAGAAAGCCAGGGTGGCCCTGCTCCAGAGAT
 GGACAATCTCATGGATATGCTGGTCAACACCCAGGGCCCGCATGGACGACCAGCGTGTAAACAGTTAAT
 TCCTGCCTGGCTTCAAACCTATCGGCCCAAGGATGGAATGCAGAAACGACCTGGGACCCCTCAGCCCTC
 AACCCCTGCTCACCCCTCAGGATCCTGCTGCACTCAGCTTCCGCAGGAACAGCAGCCCCAGCCCCAGAC
 ACAAGCTCCT**TGA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001129804

Insert Size: 363 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).



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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.

RefSeq: [NM_001129804.1](#), [NP_001123276.1](#)

RefSeq Size: 473 bp

RefSeq ORF: 363 bp

Locus ID: 18545

UniProt ID: [P12660](#)

Cytogenetics: 8 1.92 cM

Gene Summary: May function as a cell-type specific modulator for G protein-mediated cell signaling.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) includes an alternate exon in the 5' UTR and 5' CDS, compared to variant 1. It encodes isoform 2 which is shorter and has a distinct N-terminus, compared to isoform 1.