

Product datasheet for **MC203595**

Pgpep1 (NM_023217) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pgpep1 (NM_023217) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pgpep1
Synonyms:	2810003H13Rik; Gm19458; PAP-I; Pcp; PGP; PGP-I; PGPI
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC051938
 GGATCCTAGAGAGTGCATTCCACCATGGAGCAGCCGCGGAAGGCGGTAGTGGTAACCGGATTCGGCCCTT
 TTGGGGAGCATACTGTGAATGCCAGCTGGATCGCTGTCCAGGAGCTGGAGAAGCTGGGCCTCGGGGACAG
 CGTGGACCTGCATGTGTACGAGATCCCCGTGGAATACCAGACGGTGCAGAGGCTCATCCCAGCACTGTGG
 GAGAAGCACAGCCCCAGCTCGTAGTGCATGTTGGGGTGTGGGCATGGCCACCACAGTGACGCTGGAAA
 AATGTGGGCACAACAAGGGTTACAAAGGACTGGATAATTGCCGGTCTGCCCGGCTCTCAGTGCCTGCGT
 GGAGGATGGTCCCAGAGCATCGACTCCATCATCGACATGGACGCGGTGTGCAAAAAGGGTGACCACACTG
 GGACTGGACGTGTCTGTTACCATCTCCCAGGATGCTGGCAGGTATCTGTGTGACTTCACGTATTATACAT
 CGCTCTACCAGGGCCGCGGCCGCTCCGCTTTTGTCCACGTGCCCCCACTGGGTAAGCCCTACAACGCCGA
 CCAGCTAGGCCGGGCGCTACGAGCTATCATCGAGGAGATGCTGGGTGCTCTGGAGCAAGCCGAGGGAGAC
 ATCAGCTGTTGCCCCAGCTCTGACAGCCATGTACACCTGGGTGCGGTGCCGAGAGAGGGGCCATCTCTGA
 CTCATCTGCCCTCCTAATGGACCACAAGGGGCAATTGAGAGAGCTCCCATCTGAATATCATCTGGGGA
 CACTTCTGCGCCAGAGGCCAGGGCTAGTGGTCTGCACACATGCCATGGGGCCACCTTGACCCTGACGCA
 GTCTGCATTTTCAGGTGTATGGACAAGGAGTTGAAGCTTGCCCTGTGGCTGGGGCCTCACAAAGTATCAT
 AAAGTAGATTAGCTCTAATCCATGTCTTAAACCCTAGATGGTCCCCGCCAAAGCCACTTGGGACCTGGTT
 GCCTTTTCTATCTTCTGTCTGTTTCTGTCTGTGTCTGTCTCTCTGCTCTGTCTGTCCCCATCCTTCT
 TTGTTGTACCCACCTTCCTTCAGTGCTAGAACAGAACAGCGTAACCTTATGTTCCCACTTGTAAAGACTTCA
 GGCCTAACCAACAAGTGTCTTTCCTTTCTCCTGGGGAGGGCGGCCTCTTTTGCCTCCTGCCTGAAAATG
 CCATCATACTTTGGGTCTCCATAGTGGGTTCCCTTTGCTCAGAAGAGCAGGCTGCTATGGCCACCAAGGG
 CCTGGCCGAGTAGCCTCTGGTGCCTGTGGGGAGCCGACCCTGCCATGATCTTTCTTGTCTCTTTTTGA
 TATTTTAAAGACTCTTAAAATTTAGATACTCTAAACTTTAGAGGGTATTTGTTGTTGTTGTTTTTCT
 TTGGAGACAGGGTCTCAGGTAGCCTAGGCTGGCCTCGTGTGAACCTCTGATCCTCTGGCCTCAGTTTCT
 AAGCACTAAGGGGACAGGTGTTTGCACACACATGGCCACCTGGGACCCAGAACCTACCGTGTGAACC
 ATCACCTGGAGCTGTGGATTTTCCATCTTGAGATAGCCAGCCTCTAATATCCTGTGAGGGACCTGGGG
 TGAGAGGCTGCGGTGCCAGGCATGTCCCTGCATGTCCTATCAGCCACAGGGATATCTGCTGAACCTGCAT
 TTGGAAGTGTGCCAGGGACTCCAGCCAGCCTTTGTCTCTGGTGACTTTGAACTGCCAAGCCAGGAGGAG
 GGGCTCTCAGGAAGGGTGGGATGTAGCATGTGACCTGGACTCCTTCCAAGACCAAGTACAGTTCTCTGCCA
 GTGAAGCCAAGTACATTGTGGATGCCACCTTCTTTTTGTGGATGGATAGAGACCTCGGTGTCCCCACGG
 GATTGATGGATCTGAATTCTGAAGTGACTTCTCATCCCTGGATCTTCTTGTGTTGTGAGACTGGGTCT
 CCTATAGCCCAGGCTAGCCTCCAATTCAGTGTAGCTGAAGCTGACCTTAAATCCTGACCCTCCTACCTCG
 GCCTACTCAGTGCAGGGCTTGTGAAAGCCTGTGTGCTGGGCTGGCTACTTTTAAGCTCTAGTGTTCCTT
 GTTCTGATGTGGTTTCTCATGTCATCATCTTGTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_023217
- Insert Size:** 630 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:

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: [BC051938](#), [AAH51938](#)

RefSeq Size: 2161 bp

RefSeq ORF: 630 bp

Locus ID: 66522

UniProt ID: [Q9ESW8](#)

Cytogenetics: 8 B3.3

Gene Summary: Removes 5-oxoproline from various penultimate amino acid residues except L-proline. [UniProtKB/Swiss-Prot Function]