

Product datasheet for **MC218448**

Prcp (BC055022) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prcp (BC055022) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prcp
Synonyms:	PCP, HUMPCP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >BC055022
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGCTGCCGGCTCTCTGCTCTTCTATTACTCGGGGCCGCCACAACCATCCGCCTAGGC
TAAAGACCCTCGGCAGCCGCATTTGTCAGCCAGTCCCACACCCGACCCTGCTGTAGCCGTAAATACTC
AGTTCTTTACTTCGAACAGAAGTTGACCACTTTGGGTTTGTGACATGAGAACCTTTAAACAGCGGTAC
CTAGTCGCTGATAAACTGGCAGAGAAATGGTGGATCAATACTTTCTACACTGGTAACGAAGGGGATA
TTGTCTGGTTTTGCAATAATACGGGTTTCATGTGGGATGTGGCTGAGGAGCTGAAAGCTATGCTGGTGT
CGCTGAGCATCGATACTATGGGGAGTCCCTTCCCTTTGGTCAGGACTCCTTCAAGGATCCCAACACTTG
AATTTCTGACATCAGAACAGGCTCTGGCTGATTTGTCAGAGTTAATCAGACACTGGAAAAACAATCC
CAGGAGCTCAAGGTCAACTGTCATCGCCATCGGGGCTCTTATGGTGGCATGCTTGAGCCTGGTTCAG
GATGAAATATCCTCACATTGTAGTTGGAGCTCTTGCAGCTTCTGCCCTATCTGGCAGCTTGATGGTATG
GTTCCCTGTGGTGAAGTTATGAAGATTGTAACAACTTTCAGGAAAAGTGGTCCCTATTGTTCCAGAAA
GTATCCGCAAATCCTGGAATGTCATTGACAAACTCTCAGGTTCCAGGCAAGTGGTCTCCAGTCGCTCAGAA
CATTCTTACCTATGTAGTCCCTTGACTTCTGAGAAAAATCCCAACTTTAAAAGGATGGATAGCTGAGACC
TGGGTGAACCTGGCCATGGTGAACCTACCGCATGCAACTTTTTGCAGCCTTTGCCTGCTTGGCCCA
TCAAGGAGGTGTGCCAATATTTGAAAAATCCTAATGTATCGGATACAGTGTGCTGCAGAAATATTTCCA
AGCTCTGAGTGTATTTAACTATTGAGGCAAGCAGCATGCCTGAATATTTACAAACGACTACGAGC
AGTCTGGGCTCCATGGGCTGGAGCTTTGAGGCTGCACAGAAATGGTCAAGCCTTTTGTACTAATGGTA
TTGATGACATGTTGAACCTTTCTGTGGGACTGGAGAAGTATCCAATGACTGTTTTAACAGTGGGG
AGTGAACACCGCCTCATTGGATGACTACCATGTACGGTGGCAAAAACATCAGTTCACACTCAAACATC
ATTTTCAGCAATGGTAAGTTAGACCCGTTGGTCCAGGAGCGGAGTAACGAGAGACATCACAGACACCTGG
TGGCTATCAACATCCCTGACGGGCCCATATTTAGATCTCCGAGCCACAATGCCTTCGATCCTTCCTC
TGTGCTGTATCTCGATTACTGGAAGTTAAACACATGAAGAAGTGGATTTAGATTTCTATAGCAATATC
CAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC055022

Insert Size: 1476 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: [BC055022](#), [AAH55022](#)

RefSeq Size: 2339 bp

RefSeq ORF: 1475 bp

Locus ID: 72461

Cytogenetics: 7 E1

Gene Summary: Cleaves C-terminal amino acids linked to proline in peptides such as angiotensin II, III and des-Arg9-bradykinin. This cleavage occurs at acidic pH, but enzymatic activity is retained with some substrates at neutral pH (By similarity).[UniProtKB/Swiss-Prot Function]