

## Product datasheet for **MC203793**

### Perp (NM\_022032) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Perp (NM_022032) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Perp
Synonyms:	1110017A08Rik; KCP1; KRTCAP1; PIGPC1; THW
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC021772  
 GCTCCTGCCCGCGTTCCTCCGCTCCGCGCCCGCCGCCACCGACGACATGCTGCGCTGCGGCCTGGCCTG  
 CGAGCGCTGCAGGTGGATCCTGCCCTGCTGCTCAGCGCCATCGCCTTCGACATCATCGCGCTGGCC  
 GGCCGTGGCTGGCTGCAGTCTAGCAACCACATCCAGACATCGTCGCTTTGGTGGAGGTGTTTCGACGAGG  
 GCGGGCGCAGCGGCTCCTACGACGATGGCTGCCAGAGCCTCATGGAGTACGCATGGGGACGAGCAGCTGC  
 GGCCACGCTCTTCTGTGGCTTTATCATCTGTGCATCTGCTTCATTCTCTCGTTCTCGCCCTGTGTGGA  
 CCCCAGATGCTTGTTCCTGAGAGTTATTGGAGGCCTCCTCGACTGGCTGCCATATCCAGATCATCT  
 CCCTGGTAATCTACCCCGTGAAGTACACACAGACCTTCAGGCTTACGATAACCCCTGCTGTTAATTACAT  
 CTATAACTGGGCCTATGGCTTCGGATGGGCGGCCACCATCATCTTGATTGGTTGTTCTTCTTCTGCTG  
 TGCTCCCAACTACGAGGATGACCTTTTGGGGCCGCCAAGCCAGGTAATTCTATCCCCAGCCTAAT  
 GTGGGAGGAAGAGCCTGAGAAAAGCCTGCTGCAAGATGGATCTGAGGAGGAAACTGTTCTCCAAGGCACA  
 AGGAACCTACGTTTGGGCAATGTTTCATATGATCAGAAATGTTAGAATAAATGCTAAAGAAAATTCTTCAT  
 AATTAGTGTTAAGTTTCATGTATGTCGTGTGGAGTTAAAAAGACTGAATTCTGTTTGCTAAGTATATGC  
 TAATTTTTCTTATGTCAATTCTATAACCATTTAAGCTTCATTTGTTAAAGAATATGCCTGTGAAACTTGA  
 TAAGGTAGAAATGCAGCAGCCTCTCATTTAATAATCTGATGGGGCTTCTGTTTTCCACATAGAATGGGT  
 TGTTTTCTGCTAAGGGCTACAGAGGAGGAAAGTCACTGGCAAAACTCCATGACCAAAATATCCTGAAATTA  
 GTTTTTTTTTTTTTAAAAAGACCTTATTTTGAGTTTTTCAGTTACATAAAGAAGCAGAAGCAGATTGGTT  
 TCCTAAGTGAGCATATTTGTGAGAATTTTAGTCAGTGTTTGAAACAATTATTGTTTTCTAAGCTTCA  
 TGTTGACTTTCTCTGATGCGTAGAAAAGTGTCTAACGTGGCTGAGGTTAAGCCGCTGCTACTACTGAAA  
 TGCTAAGAATTTTCTCTTTTCCCGTAGTGTAGAGGGGTAGGGTGTGGGCAGAAAGCCGTGTAGCACATC  
 TGATGATTGTATGTGTATGCTTAGAACCGGTAGACCCGGATGGGAGGATGGACTAGGCCTAATCCCTC  
 CCAACTGGTGGATGTGAAGAGGTCAGGTAGGAAGGCACAGGAGGGTCACCACTGTCACAGCAGTGCATG  
 CAGACATCCTAGGAGAAGACATGGCAGTCTTCTTCTCAGTCTTCTTCCCTTAACTGAGCTGTGCTCAC  
 AGACACCTAGAATAGATTTTAACTGAAACAGAAACCTAAATGTAATTAATAAACCTGGTCTTCTGGTAA  
 GCAGACTTAAATATCTGTATAGTACATGCAAGTGGAAAATTTGGGAATGCGTGTCTCTGAATACATACC  
 GGAAGGGCTACTATTACCTTTTTCTTACCATTTATACTTACCTAATGGAACGAGCTTGTTTAACTATC  
 AGAACACTATTTTGAAGGTGCTGCAAAGACAGTTGAAGTTTTTCATTACCAACTCCCAATAAACCCAGG  
 TGTTCAAATCCTGAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_022032

**Insert Size:** 582 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:** [BC021772](#), [AAH21772](#)

RefSeq Size: 1849 bp

RefSeq ORF: 582 bp

Locus ID: 64058

UniProt ID: [Q9JK95](#)

Cytogenetics: 10 A3

**Gene Summary:** Component of intercellular desmosome junctions. Plays a role in stratified epithelial integrity and cell-cell adhesion by promoting desmosome assembly. Plays a role as an effector in the TP53-dependent apoptotic pathway.[UniProtKB/Swiss-Prot Function]