

Product datasheet for **MC206595**

Prps2 (BC024942) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prps2 (BC024942) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prps2
Synonyms:	MGC28388
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024942
 GCAGCAGCAGCAGCAACAGCCGACGCAACGGTAGCTGTAGTCTGCATCGCAGTCCCTTTCTCCTTCTCCA
 GCGCGCTCCTCAGTCCCCGGTACCATGCCTAACATCGTGCTCTTCAGCGGCAGTTCTCACCAGGACCTG
 TCGCAGCGCGTGGCCGATCGCCTGGGCCTGGAGCTGGGCAAGGTGGTACCAAGAAGTTTAGCAACCAGG
 AGACCAGTGTGAGATCGGTGAAAGTGTGAGAGGGGAAGACGTCTACATCATCCAGAGTGGCTGCGGGGA
 GATTAATGACAACCTGATGGAGCTGCTCATCATGATCAATGCGTGCAAGATTGCGTCTCATCCAGGGTG
 ACAGCTGTGATACCTGCTTCCCCTACGCCCGCAAGATAAAAAGGACAAGAGTCGTCCAATTTCTG
 CTAAACTTGTGGCAATATGCTGTCAGTTGCTGGGGCTGATCACATCATTACCATGGACCTGCATGCCTC
 TCAGATCCAGGGTTTCTTTGATATTCTGTGGATAATTTATATGCAGAACCTGCAGTTCTTCAGTGGATT
 CGGGAGAACATCACTGAATGGAGAACTGTATTATTGTTTCTCCAGATGCTGGAGGAGCCAAAAGGGTTA
 CATCAATTGCAGACAGACTGAATGTGGAATTTGCTTTGATTACAAAAGAGAGAAAGAAAGCAAAATGAAGT
 GGACCGGATGGTTCTCGTGGGAGATGTGAAGGACCGTGTGGCCATCCTGGTAGACGACATGGCCGATACA
 TGTGGTACCATCTGCCATGCTGCAGATAAGTTACTCTCAGCTGGTCCACCAAAGTTTATGCTATTCTTA
 CCCATGGAATCTTCTCTGGCCAGCTATTTCCAGAATAAACAGTGTGCCTTTGAAGCTGTTGTTGTCAC
 CAACACAATTCACAAGAGGACAAAATGAAACTGCTCCAAAATTCAGGTGATTGACATTTGATGATC
 CTGGCTGAAGCCATTGGAAGAACCCACAATGGGAATCCGTGTCCTATCTGTTACGCCATGTCCCCTGT
 AGTCTGGATTGGAATATTGAAGATGGAGCAAGCCTCCTCCAACCTCTCACTGTCTTTGTCTGCCTGCTGT
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 GCCGTCTGTCTCTCTTAAAGCTCCAGTCTGGGGGAGGGCAGAGAAAGTGGTGGTTATTTGGTCTGT
 TAATTGAACTGGTGTCAATGAGAACTAATCTTTCCCTCGTCTTTTTAGTACTTTGAGGTAACAACCTT
 TTAAGCCTAAAATCCCATTGTGGAATTTGTCATACATATTTTGGAGTGCCAAAGGTGATTTCAAAT
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 CTGGGTTTTATTTTATGGCCTTTATCAGGACTGAATTTTATTGGGCTAAGATAGCCACTGACATCTGA
 CTTTTCTAGTAGATATTAGACATATTAAGACAATATAAGGCTGTATCTTTTTTAATTGCCACTTTGA
 AGATATATCATAAATGACAACCTTACCGAACTCCCAAATATGATCAGTGATCACTGATTTGGCTACCA
 TTTCAGGCTGTAGTCAATGAGTTTGTGACCACGTTGATGCACAACCTTTGTCTATCCAGGGGAATTTCTC
 TTTAGAATGTAGCTCATGCTCTACCTTATTCTCAGACGTTAACAATAGCCTTTACTTTCCACATTCC
 CCAATAGTTTCTGTTGTAGATGTCACCAAAAAGAAAGGCTCCTTGAACCCCTCACATATTTAGGTT
 GATTATATTTTTATTTTTCACATACATAAAAATGGGAGGATTTAAGAGTGCCACCAAATACACTTATTC
 AAACAGAGCTTACTGAGCTTGAGTTAAATGTCCTTTGGCCCTTTGTCATCAGAAGAACTCCATCTAAT
 GACTAGTTAGCATCTCTAAAGCTGCTAAAATGTAGACAGGAGAGGGTTGCAAAACAGTGGAGGCAAAAGT
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 AAACTAATGCAGGAAGAGTACCACAAGTTAAGGCCAGCCTAGGCTACACAGTGAGTTCAGCTCAGCT
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 ATCATTTTCTTCTCACAAGAAGAGGATTTGCCTGTGTACCTAAAGCTTAGGAATGCTTAAAAAAATC
 CCCCCCTGCTGAGTATTGTAGATAAATCCCAGCCCTAAATTTGCAGGTAAGAAATTCCTATCCATCT
 GAGTAGCACACTCAACCAGCACTCTGGAACAGCAGAGGAGCAAAAGTCAAATCAATGTTACAAAGTATAA
 TTTATGTTCCCTATAGAGACTGGCATTGATAATACCTTATTTGAACTGTTCTGAAGAAAGTGGTTCTCT
 ATAACTGGGATGCTCAGCTCTGTGGTACAGTCTGTCTCAGGCTTGGTTAGACATGTGTCAAACCTGTT
 TGAGATGATGCAGCTGTTACTTCTGATAAATGTGCGATGTCTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI
 ACCN: BC024942
 Insert Size: 957 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:	BC024942 , AAH24942
RefSeq Size:	2860 bp
RefSeq ORF:	957 bp
Locus ID:	110639
Cytogenetics:	X 78.32 cM
Gene Summary:	Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.[UniProtKB/Swiss-Prot Function]