

Product datasheet for MC209239

Prps1 (NM_021463) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Prps1 (NM_021463) Mouse Untagged Clone
Tag: Tag Free
Symbol: Prps1
Synonyms: 2310010D17Rik; C76571; C76678; Prps-1; PRS-I
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209239 representing NM_021463
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCGAATATCAAATCTTCAGCGGGAGCTCCCACCAGGACTTATCCCAGAAAATCGTGACCGCCTGG
GCCTTGAGCTAGCAAGGTGGTACTAAGAAATTCAGCAACCAGGAGACCTGTGTGGAAATTGGCGAAAG
CGTTCGTGGAGAAGATGTCTACATTGTTCAAAGTGGGTGTGGTGAGATAAATGACAATCTAATGGAGCTT
TTGATCATGATTAATGCTTGTAAGATCGCTTCAGCCAGCCGGGTTACTGCAGTCATCCCATGCTTCCCTT
ACGCCCCCAAGATAAGAAGGATAAAGAGCCGGGCTCCAATCTCAGCTAAGCTTGTGCAAATATGCTATC
TGTAGCAGGTGCAGATCATATTACCCATGGATCTACATGCATCTCAAATTCAGGGTTTCTTTGATATC
CCGGTGGACAATTTATATGCAGAGCCAGCTGTCCTAAAGTGGATACGGGAGAATATATCTGAGTGGAGAA
ACTGTACTATTGTCTCACCTGATGCTGGTGGAGCCAAAAGAGTGACCTCCATTGCAGACCGGCTGAATGT
GGATTTTGCTTTGATTCACAAGGAACGGAAGAAGGCCAATGAAGTGGACCGCATGGTACTTGTGGGAGAT
GTGAAGGACCGTGTGGCTATACTTGTGGATGACATGGCTGACACTTGGGTACAATCTGTCACGCCGCTG
ACAAACTTCTCAGCTGGCGCTACCAGAGTTTATGCTATCTTGACGCATGGAATCTTTTCTGGCCCTGC
CATTTCTCGAATCAACAATGCATGCTTTGAAGCAGTAGTAGTTACCAATACCATACCTCAGGAGGACAAG
ATGAAACTGCTCCAAGATACAGGTGATTGACATCTCTATGATCCTTGCAGAAGCCATCAGGAGAACCC
ACAATGGAGAATCTGTCTCCTACTTGTTCAGCCATGTTCTTTA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_021463
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:	NM_021463.4 , NP_067438.1
RefSeq Size:	1998 bp
RefSeq ORF:	957 bp
Locus ID:	19139
UniProt ID:	Q9D7G0
Cytogenetics:	X 61.35 cM
Gene Summary:	Catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) that is essential for nucleotide synthesis.[UniProtKB/Swiss-Prot Function]