

Product datasheet for **RN204467**

Prps2 (NM_012634) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prps2 (NM_012634) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prps2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204467 representing NM_012634 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCCCAACATCGTGCTCTTCAGCGGCAGCTCTACCAGGACCTGTCGAGCGCGTGGCCGATCGCCTGG
GCCTGGAGCTGGCAAGGTGGTCACCAAGAAGTTTAGCAACCAGGAGACCAGTGTGAGATTGGTAAAAG
TGTGCGAGGGGAAGATGTCTATATCATCCAGAGCGGCTGTGGGAAATTAATGACAATTGATGGAGCTA
CTCATCATGATCAACGCGTGCAAGATTGCATCCTCATCCAGGGTAACAGCTGTGATACCTGCTCCCT
ACGCCCGCAAGATAAAAAGGACAAGAGTCGTGCTCCAATTTCTGCTAAGCTTGTGGCCAATATGTTGTC
AGTTGCTGGGCTGATCACATCATTACCATGGACCTGCATGCCTCTCAGATCCAGGGCTTCTTTGATATT
CCTGTGGATAATTTATATGCAGAACCTGCAGTTCTTCAGTGGATTCTGGGAGAACATCACTGAATGGAGAA
ACTGTATTATTGTTTCTCCAGATGCTGGAGGAGCCAAAAGGGTTACGTCAATTGCAGACAGACTGAATGT
GGAATTTGCTTTGATTCACAAAGAGAGAAAAGCAAAATGAAGTGGACCGGATGGTTCTTGTGGCCGAT
GTGAAGGACCGTGTGGCTATCCTGGTGGACGACATGGCTGACACATGTGGTACCATCTGTCATGCTGCAG
ATAAGTTACTCTCAGCTGGTGCCACAAAGTTTATGCTATTCTTACCCATGGAATCTTCTCTGGCCAGC
TATTTCCAGAATAAATAATGCTGCCTTTGAAGCAGTTGTTGTCACCAATACCATTCCACAAGAGGACAAA
ATGAAACTGTTCCAAAATTCAGTGATCGACATTTCAATGATTCTGGCTGAGGCCATTGGAAGAACCC
ACAATGGGGAATCCGTGTCTATCTGTTAGCCATGTCCCGCT**GTAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-RsrII
ACCN:	NM_012634
Insert Size:	957 bp



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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:	<u>NM_012634.1</u> , <u>NP_036766.1</u>
RefSeq Size:	2697 bp
RefSeq ORF:	957 bp
Locus ID:	24689
UniProt ID:	<u>P09330</u>
Cytogenetics:	Xq13
Gene Summary:	may catalyze the conversion of ATP and D-ribose 5-phosphate to AMP and 5-phospho-alpha-D-ribose 1-diphosphate [RGD, Feb 2006]