

Product datasheet for **RN206531**

PPP1R3B (NM_138912) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R3B (NM_138912) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R3B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206531 representing NM_138912 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGTGGACATAGAATACAGCTACAGCAGTATGGCCCCTTCTCTGCGCAGAGAGCGCTTCACCTTCA
AGATCTCCCCAACTGAACAAGCCACTGAGCCTTGTATTAGCTGGCAGCAAGGATGAAGCCGGCAG
AATGGTGGCCCCACAGTGCAGGAGAAGAAGTGAAGAAGCGGGTGTCTTCGCCGACAACCAGGGCTG
GCCCTAACAAATGGTGAAAGTGTCTCGGAATTCGATGACCCACTAGATATCCGTTTAACATCACTGAGC
TCCTAGACAACATCGTGAGTCTGACGACAGCAGAGAGTGAAGAGCTTTGTTTTGGATTTCCGCAGCCTTC
TGCAGATTACTTAGACTTTAGAAATCGGCTTCAGACCAACCATGTCTGCCTCGAAAACGCGTGCTGAAG
GAGAAAGCCATCGCGGCCACCGTCAAGTCCAGAACCTGGCATTGAGAAGGTTGTGAAGATCAGGATGA
CATTGATACCTGGAAAAGCTTCACAGACTTCCCTTGTGAGTATGTGAAGGACACTTACGCTGGTTCAGA
CAGGGACACATTCTCTTTGATATCAGCCTACCGGAGAAAATCCAGTCTTATGAAAGAATGGAGTTCGCC
GTGTGCTACGAGTGAACGGCCAGTCGACTGGGACAGCAACAAGGCAAAAACCTACAGGATCACCAGGG
CCGAACTCAGATCCACCCAGGGAATGACTGAGCCGTACAATGGGCCGGATTTTGGAACTCTTTTGACCA
GTTCCGGAGCCCTCGGTGTTCTTCGGCCTGTTCCAGAGTGGCCTAGTTATCTGGGGTATGAAAAGCTG
GGCCCTATTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_138912
Insert Size:	855 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_138912.2, NP_620267.2</u>
RefSeq Size:	4360 bp
RefSeq ORF:	855 bp
Locus ID:	192280
UniProt ID:	<u>Q6IN01</u>
Cytogenetics:	16q12.2
Gene Summary:	subunit of protein phosphatase-1 responsible for hepatic glycogen associated activity [RGD, Feb 2006]