

Product datasheet for **RN208381**

Prpf40a (NM_001106480) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf40a (NM_001106480) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prpf40a
Synonyms:	Fnbp3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208381 representing NM_001106480
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGGCCGGGACTGGAGCCGAGCGTGGAGGCCCTCATGGTGAGTGAAATGGAGAGCCAACCTCCCTCGC
 GGGTCCCGGGGACGGGAGCGGAGATTGTCCGGCTCAAACCTGTGCTCCAGTTCCTGGGTCTCTGCTGA
 CCGCTTCCTGAGGAGACGGCCCTCGATGGGCATCCTGGCATGCATTATGCACCAATGGGCATGCACCTT
 ATGGGTACGCGAGCAAACATGCCTCCTGTACCTCACGGAATGATGCCACAGATGATGCCTCCTATGGGAG
 GGCCTCCAATGGGACAAATGCCTGGAATGATGTCTTCAAGTAATGTCAGGAATGATGATGTCTCATATGTC
 TCAGGCTTCCATGCAACCTGCTTACCCTGGAGTGAACAGTATGGATGTAGCAGCAGGTGCAGCATCT
 GGTGCGAAATCAATGTGGACAGAACATAAATCACCTGATGGAAGGACTTATTACTATAAATACTGAAACAA
 AACAGTCTACCTGGGAAAAGCCAGATGATCTTAAACACCTGCTGAGCAACTATTGTCTAAATGCCCATG
 GAAAGAGTACAAATCTGATTCTGGGAAGCCTTATTACTATAATTCTCAAACAAAAGAGTCCCGCTGGGCC
 AAACCTAAGGAACTTGAAGATCTTGAAGGATACCAAGAATACCATTGTTGCTGGAGGTCTTATTACAAAAT
 CAAACCTGCATGCCATGATCAAAGCAGAAGAAAGCAGCAAGCAAGAAGAATGACTACAACATCAACAGC
 CCCAGTTCCTACGACAGAAATTCCTACCACTATGAGCACCATGGCTGCTGCAGAAGCAGCAGCTGCTGTT
 GTCGCAGCTGCTGCAGCCGCTGCAGCAGCAGCTAATGCCAATACTTCCACCACACCTACTAATACTGTGG
 GAAGTGTTCAGTTGCTCCTGAACCTGAAGTACTTCCATTGTTGCTACTGCTGTTGATAATGAGAATAC
 AGTGACTGCATCAGCTGAGGAGCAAGCAGCAGCTTGCTAATACTACAGCTCTTCAAGACCTAAGTGGCGAT
 ATATCCAGTAACACTGGAGAGGAAACCACTAAACAAGAACTGTAACCGATTTTACTCCTAAAAAAGAAG
 AGAAGAGAGCAACAGCAAAAAAACATATACTTGAATACAAGGAGGAGGCAAGCAAGCATTTAA
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 GATCCTCGGTACAGTGCTTTAGCAAAGCTGAGTGAGAAGAAGCAGGCATTTAATGCCTATAAAGTCCAGA
 CAGAGAAGGAGGAAAAAGAAGAAGCAAGATCAAAATACAAGAAGCTAAGGAATCCTTTACAGCTTTTCT
 TGAAAAATCATGAAAAATGACTTCCACAACCAGATACAAAAAGCTGAGCAAAATGTTTGGGAGATGGAA
 GTTTGGAATGCAATATCAGAGCGTGATCGTCTTGAATCTATGAAGACGTTTTGTTCTTCTTTCAAAGA
 AAGAAAAGGAACAAGCAAAGCAGTTACGAAAGAGAAATGGGAAGCCTTAAAAACATACTTGACAATAT
 GGCTAATGTTACATACTCTACCCTTGGTCTGAAGCCCAGCAGTATCTGATGGATAATCCAACGTTCCGA
 GAGGATGAAGAGTTACAGAACATGGATAAAGAAGATGCATTAATATGCTTTGAGGAACACATCCGAGCTT
 TAGAAAAGGAAGAAGAAGAAGAAAAACAGAAGACTTTGTTGAGAGAAAGGAGGAGGCAGCGTAAAAATAG
 GGAATCTTTTCAGATCTTTCTAGACGAGTTGCATGAGCACGGGCAGCTGCACTCTATGTCCTCTTGATG
 GAGCTGTATCCGACCATTAGCTCTGACATTCGATTCACTAATATGCTGGGTGAGCCTGGATCAACTGCAC
 TTGATCTTTTCAAGTTTTATGTTGAAGATCTTAAAGCAGGATATCATGATGAAAAAAGATAATAAAGA
 CATTCTGAAGGATAAAGGATTTGTAGTTGAAGTAAACACTACTTTTGAAGATTTTGTGGCAATAATCAGT
 TCAACCAAAAGATCAACCACTTTGGATGCTGGAATATCAAGTTGGCTTTCAATAGTTTACTAGAAAAGG
 CAGAAGCCCGTGAACGTGAGAGAGAAAAGGAAGAAGCTCGGAAAATGAAACGAAAAGAGCTGCCTTTAA
 GAGTATGTTGAAACAGGCCACTCCTCCAATAGAAGTGGATGCTGTCTGGGAAGATATCCGGGAAAGATTT
 GTGAAGGAACCAGCATTTGAGGATATAACTCTAGAATCTGAAAGAAAAGAATATTTAAAGATTTTCATGC
 ATGTGCTTGAGCATGAATGTCAGCATCATCATTCAAAGAACAAGAAACATTCTAAGAAATCTAAAAACA
 CCATAGGAAAACGCTCCCGCTCTCGATCGGGATCAGACTCAGATGATGATGACAGCCATTCAAAGAAAAA
 AGACAGCGATCAGAAATCCATTCTGCTTCAAGACATTCTTCTAGTGCTGAGTCTGAGAGAAGTTACAAGA
 AATCAAAAAAGCATAAGAAGAAAAGCAAAAAGAGGAGACATAAATCTGACTCTCCAGAATCAGATACTGA
 ACGAGAGAAGGATAAAAAAGAAAAGACTCGGAAAAGTAAAAAGACAGAAGTAGGCAGAGATCAGAAATCA
 AAACACAAATCACCTAAGAAAAGACTGGAAGGATTCTGGTAAGTGGGATACTTCTGGCAGTGAACCTGA
 GTGAAGGGGAATTAGAAAAGCGCAGAAGAACCCTTTTGGAGCAACTGGACGATGATCAAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_001106480
Insert Size:	2862 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:	<u>NM_001106480.1</u> , <u>NP_001099950.1</u>
RefSeq Size:	3564 bp
RefSeq ORF:	2862 bp
Locus ID:	295607
Cytogenetics:	3q12