

Product datasheet for **MC222781**

Prpf40a (NM_018785) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf40a (NM_018785) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Prpf40a
Synonyms:	2810012K09Rik; FBP-11; FBP11; Fnbp3; Fnbp11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222781 representing NM_018785
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGGCCGGGGACTGGAGCCGAGCGTGGAGGCCCTCATGGTGAGTGAAATGGAGAGCCAACCTCCCTCGC
 GGGTCCCGGGGACGGGAGCGGAGATTGTCCGGCTCAAACCTGTGCTCCAGTCTTGGGTCTCTGCTGA
 CGGCTTCTGAGGAGACGGCCCTCGATGGGCATCCTGGCATGCATTATGCACCAATGGGCATGCACCTT
 ATGGGTCAGAGAGCAAACATGCCTCCTGTACCTCATGGAATGATGCCACAGATGATGCCCCCTATGGGAG
 GGCCTCAATGGGACAAATGCCTGGAATGATGTCTTCAAGTAATGTCAGGAATGATGATGTCTCATATGTC
 TCAGGCTTCCATGCAACCTGCCTTACCGCTGGAGTAAATAGTATGGATGTAGCAGCAGGTGCAGCATCT
 GGTGCAAAATCAATGTGGACAGAACATAAATCACCTGATGGAAGGACTTATTATTACAATACTGAAACAA
 AACAGTCTACCTGGGAAAAGCCAGATGATCTTAAACACCTGCTGAGCAACTATTGTCTAAATGCCCATG
 GAAAGAGTACAAATCTGATTCGGGAAGCCTTATTACTATAATTCTCAAACAAAGGAGTCCCGCTGGGCC
 AAACCTAAGGAACTTGAAGATCTTGAAGGATACCAAGAATACCATTGTTGCTGGAGGTCTTATTACAAAT
 CAAACCTGCATGCCATGATCAAAGCTGAAGAAAGCAGCAAGCAAGAAGAATGACTACAGCATCAACAGC
 CCCAGTTCCTACAACAGAAATTCCTACCACTATGAGCACCATGGCTGCTGCAGAAGCAGCGGCTGCTGTT
 GTTGACAGTGTGACAGTGTGACAGCAGCAGCTAATGCCAATACTTCCACCACACCTACTAATACTGTGG
 GAAGTGTTCAGTTGCTCCTGAACCTGAGGTTACTTCCATTGTTGCTACTGCTGTAGATAATGAAAAATC
 AGTAACTGTATCAACTGAAGAGCAAGCAGCAGCTTGCTAATACCACAGCTATTCAAGATCTCAGTGGTGAT
 ATATCCAGTAACACTGGAGAGGAAACAGCTAAACAAGAACTGTCTCCGATTTTACTCCTAAAAAAGAAG
 AGGAAGAGAGCAACAGCAAAAAAACATATACTTGAATACAAGAGGAGGCAAGCAAGCAAGCAAGCAAG
 AGAATTATTGAAAGAAAAGCGGGTGCCTCCAATGCTTCATGGGAGCAGGCTATGAAAATGATCATAAAT
 GATCCTCGGTACAGTGCTTTAGCAAAGCTGAGTGAGAAAAGCAGGCCTTAAATGCCTATAAAGTCCAGA
 CGGAGAAAAGGAAAAGAAGAAGCAAGATCAAAATACAAAGAAGCTAAGGAATCTTTTCAGCGTTTTCT
 TGAAAAATCATGAGAAAATGACTTCCACAACCAGATACAAAAAGCTGAGCAAAATGTTTGGGAGATGGAA
 GTTTGGAATGCAATTTCCAGAGCGTGATCGTCTAGAAATCTATGAAGATGTTTTGTTCTTCTTTCAAAGA
 AAGAAAAGGAACAAGCAAAGCAGCTACGAAAGAGAAATGGGAAGCCTTAAAAACATACTTGACAATAT
 GGCTAACGTTACATACTCTACCCTTGGTCTGAAGCCCAGCAGTATCTGATGGATAATCCAACGTTCCGA
 GAGGATGAAGAGTTACAGAACATGGATAAAGAAGATGCATTAATATGCTTTGAGGAACACATCCGGGCTT
 TAGAAAAGGAAGAAGAAGAAGAAAACAGAAAGACTTTGTTGAGAGAAAAGGAGGAGGCAGCGTAAAAATAG
 GGAATCTTTTCAGATCTTTCTGGACGAGTTGCACGAGCATGGGCAGCTGCACTCTATGTCCTCTTGATG
 GAGCTGTATCCCACCATCAGCTCTGACATTCGCTTCACTAACATGCTGGGTGAGCCGGGATCAACTGCAC
 TTGATCTTTTCAAGTTTTATGTTGAAGATCTTAAAGCAGGATATCATGATGAAAAGAAGATAATAAAGA
 CATTCTGAAGGATAAAGGATTTGTAGTTGAAGTAAACACTACTTTTGAAGATTTGTGGCAATAATCAGT
 TCAACCAAAAGATCAACTACTTTGGATGCTGGAATATCAAGTTGGCTTTCAATAGTTTACTAGAAAAGG
 CAGAAGCCCGTGAACGTGAGAGAGAAAAAGAAGAGGCTCGGAAAATGAAACGAAAAGAGCTGCCTTTAA
 GAGTATGTTGAAACAGGCTACCCCTCCAATAGAAGTGGATGCTGTCTGGGAAGATATCCGGGAAAGATTT
 GTAAAGGAACCGGTTTGGAGATATAACTCTAGAATCTGAAAGAAAAGAATATTTAAAGATTTTCATGC
 ATGTGCTTGAGCATGAATGTCAGCATCATCATTCAAAGAACAAGAAACATTCTAAGAAATCTAAAAAGCA
 CCATAGGAAAACGCTCCCGCTCTCGATCGGGATCAGAGTCAGATGATGACGACAGCCATTCAAAGAAAAAA
 AGGCAGCGATCAGAGTCTCATTCTGCTTCCAGAGCGTTCGTCAGTGTGAGTCTGAGAGAAGTTACAAGA
 AGTCAAAAAAGCATAAGAAGAAAAGCAAAAAAGAGGAGGCATAAATCTGACTCTCCAGAATCAGATACTGA
 ACGAGAAAAGGATAAAAAAGAAAAGATCGGGACAGTAAAAAGACAGAAGTAGACAGAGATCAGAAATCA
 AAACACAAATCACCTAAGAAAAGACTGGAAGGATTCTGGTAACTGGGATACTTCTGGCAGTGAACCTGA
 GTGAAGGGGAATTGAAAAGCGCAGAAGAACCCTTTTGGAGCAACTGGATGATGATCAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN:	NM_018785
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:	NM_018785.2 , NP_061255.1
RefSeq Size:	3565 bp
RefSeq ORF:	2862 bp
Locus ID:	56194
UniProt ID:	Q9R1C7
Cytogenetics:	2 C1.1
Gene Summary:	Binds to WASL/N-WASP and suppresses its translocation from the nucleus to the cytoplasm, thereby inhibiting its cytoplasmic function. Plays a role in the regulation of cell morphology and cytoskeletal organization. Required in the control of cell shape and migration. May play a role in cytokinesis. May be involved in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]