

Product datasheet for **RN205613**

Pmfbp1 (NM_134393) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pmfbp1 (NM_134393) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pmfbp1
Synonyms:	ODF3; Stap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN205613 representing NM_134393
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTAAAGCTTAAAGGAGAATTCGAAGTCCAAAGGACTGAAAGATGAGAACAAGAAGCAAGCTCAGA
 CATTAGTATTCACAGATAACCAGGTGGAATTCAGTCCAATAAGCAGTATCACCTCAGACAACTTCAGCA
 ACTGAAGAAGAAGCTGCTGACCCCTGCAGCAGGAGCTGGAGATCCGCACCCAGGAGCTGCAGGCTTCTAC
 CGCTCCCTCCTGCAGTACCAGTCCATCCTGGAGAAGCAGACTTCCGACCTTCTTGTCTTCCACCATCACT
 GCAAACCTCAAGGAAGATGAGGTCACTTCTACGAGGAGGAGATGGGAAGTACAGTAAGAACCACCGGGGA
 GAAGCTCCATCTGGCCCAAGAGCAGCTTGCCCTGGCAGGGGACAAGATCGTCTCCCTAGAACGGAGCCTA
 AACCTCTACAGGGACAAGTACCAGACTTCCCTGAGCAACATCGAGCTGCTGGAGTGCCAAGTGAAGATGC
 TGGAGGAGGAACCTAGCGGACTCATTGTGTCAGGACCCTGAGAACAAGGTGACCCTCGAAGTTTCGCAT
 CTACACTTCTCCATGCATGATTCAAGAACATCAGGAGACCCTGAAGCGACTGTCTGAAGTTTGGCAAAG
 GTTCTGAAACAGGACGACCTAATCCAGGAGCTTCGGAACAACTGGCCTGCAAGTAACTTTTGGTTCTGG
 AACGTGAGGAGGCTTTGATAAAATTACGAGCAGACTTTGCTTCTACACGGCCACCCACAGGCATCCCCC
 TACCTCCTCAGAAGACTGTGAAGACATCACAAGATCCTAAAGTACCTGCAAGAACAGAAAGACAGCCAG
 TGCTGATGTGGAGGAGTACCAGAACCCTGTGAAGGACTGCGCTTGGAGCTGGAAGCCGTGTCAGAGC
 AGAAGAAAAAGATCATGAAGGACATGATGAAGCTGGAGCTAGACCTCCACGGGCTGCGGGAAGAGACGTC
 ATGTGTCATCGAGAAGAAGGACAAGGAGACTGTCTTCTGCAGTACCGGCTGCAAGATCTGCAGCAACAG
 TACACAGAGTACAGAAGCTGTCCCTAAAGAAGGACAAGTTGCTCCAAGACAAGGACGAGGCTGAATG
 AGCTGGAGAAGAACTGACACAGGTGCAGTGTCTTTTTGGAGAAAAGAAACGGAGCTGGAGAAGCTGCA
 GTCTACGACAAAAGAACTGGATGCAAACTCAGGAAAGTGAAGGACAGCAGCAGTCCAAAATAGACAACGAG
 GGCTTCCGGTCTGAGATCCAGAAGCTGAAGGAGAGTCTTGGAGGACGAGGAGCAGCTGAGAGTGTGAG
 ATCAGAATCTAAGCCAGTGAAGGATGAGGCGCACCTATCTGCAAAATACCTAGAGGACGCTCATCGGAA
 ACTCGAGAAGTGCCTTCTCAGGACAAGCGGAAGGACGACGTCATTAAGGATCTGCAGAGCCAGCTGCAG
 AAGCTACAGAAGGAGTCTTCGAAACTGAAGAGAACGAAAAACAACAGACAACAGTTACTGGAGCTGA
 GCTCAGAAGTCAATGAAGGCCAGAGACGGCTCTCGAGCGCAGAGAAGGAAAAGTCCGCTGCTTCAAGAGC
 ACTGGATGAAGAGGAGAAGAAAAATCGACGAGTGTCTTATGGCGCAAGGTTTCTGAGCAAAAGCAAAGG
 GAGCTAACGAAGTCCCTAAGCAAGTACAAGACGAACTTGCAGAAAACAAAAGGCTCTTGGAGGAGAAGC
 GAGAGCAACTGAGGAAGAGCAAAGATCAGGAAAAGGCACTGGAGGAAGAGATTGAGGCCTTGCAGACGGA
 ATCGAAAAAGAAAGAGAAGATGGCAAAAGAGCAGTTGAGGAACTGGAAGAGGAGAGGAGAACCCTCCAG
 GCGGAATTGAGCTCCTGCTTTCACAAGTGGACTCCTCTATCAACAAATACAATAACTCTCAGAAAGTCA
 TCCAAGAGCTCAACACGGAGATAGCCCGCCAGAAAAGACTCCATCATGATTCTGCAGACACAGCTGGATTC
 GGCCATACAGAAAGAGAAGAAGTCTTCCAGAACATGGTCAGTAAAGAACTTACGAGGAACTTCTGCGG
 AAGTCAGGCACCTGCCAAGACGACCTGACACAGGCCCTGGAGAAGCTCACACAGGCAACCTCCGAGACAA
 AGAGCTGCAGCGCAACTTGCAACAGACCCAGGAGAGGAAAGCTCAGCTGGAAGATGAAATCATGGCTTA
 TGAGGAAAAGGATGAAAAGCTCAATATGGAATTAATAAACTGCAGGGCTTCCAACAGCAGAGTGAAGT
 GAGGTGCACAAGTTCGCAAGAACTGGAGGAGATGGGCAACCAGGTGTTGCAAGTGGCAGAGGACGACCC
 AAAGTGACCTTAAGATGCTGGCAGCTAAAGAGACACAGCTCCGGGAATTCGAAGGAAATGACTGCCCT
 GAAAGAGAACCTCCTTGCAGATGAGAAGGAGCCGAGCCTTATGCCTTCAAAGCCAGCACCCAAAGAGAAC
 TATAGGCACCACCGGAGAAATGACCAGATTATGTGCAATGTGGAACAGTGGGCAAAGGAGCAGAAGCTTG
 CCAATGAGAACTGGGAAACAAGCTGCGAGAACAGGTTAATAACATTGCCAAGCTGACTGGTGAAAAGGA
 CCACCTCCACAATGTGATGGCCATCTGCAGCAGGAGAACAAGAAGCTGAAGAACGAGATTGAAGAGAAG
 AAGCTAAAGGCTGGGACCCGAGGATCTGTGCAAGTCTAGGCCCGTGCAACTGGAGCCGCTCCAGAG
 AGGAAAAGCTGTGCGGTGCACTGGGCTGGAGAGGAGTATGCCAGGACCCACTGCCAAAAATGGACCTCAC
 CAAGTACACCGGGTGCCTCACTGCTCAGGATCCTCCTATTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_134393
Insert Size:	2916 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_134393.2</u> , <u>NP_599220.1</u>
RefSeq Size:	3307 bp
RefSeq ORF:	2916 bp
Locus ID:	171414
UniProt ID:	<u>Q9Z221</u>
Cytogenetics:	19q12
Gene Summary:	coiled-coil protein that is a component of the outer dense fibers of the sperm tail; may play a role in cytoskeleton organization [RGD, Feb 2006]