

Product datasheet for **MC222521**

Ppfibp2 (NM_001163557) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Ppfibp2
Synonyms:	Cc1p1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC222521 representing NM_001163557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGACTTCTGACGCTAGTCATATGCTGGAAGCTGCCCTGGAGCAGATGGACGGGATCATTGCAGGCACTA
 AAACAGCTGCAGATTTTAGTGATGGTACCTGTGAGCCTGGGCTGTCTCCCCATCCACCTGCTTGAACCTC
 CATGCCTGTGCTCCATCTCATTGAGGACCTGAGACTAGCCTTGGAGATGTTGGCACTTCTCAGGAAAGA
 GAAGCCCTCCTGAGCCAGGTCCTGGCCCAACGACTACCTACATAAAGGAGTGGTTTGGACAGCTTGT
 CCCAGGTAATCACCACGGTGTCTAGTAATGAAACCTACCAGGAACGCTGGCAGGCTAGAAAGGAGA
 TAAAGAGTCCCTCATACTACAGGTGAGCGTCTCACAGATCAAGTGGAAAGCCCAAGGAGAGAAGATTTCGG
 GACCTTGAAGTGTGTCTGGAAGGCCACAGGTGAAGCTCAATGCTGCAGAAGAGATGCTTCAGCAGGAGC
 TGCTAAGTCGCACATCTCTGGAGACCCAGAAGTTGGATCTGATGACTGAGGTGTCTGAGCTGAAGCTCAA
 GCTGGTTGGTATGAAAAAGAACAGAAAGAACAGAAAGAACAGAGAAAGCAGAGGAGTTACTGCAA
 GAGCTTAAGCACCTCAAAATCAAGGTGGAGGAGCTGGAGAACGAGCGGAACAGTATGAGTGGGAGCTGA
 AGGCCACCAAGGCTGAGGTAGCCAGCTGCAAGAACAGGTGGCCCTAAAAGATGCAGAAATTGAGCGTCT
 CCACAGCCAGCTCTCCCGAGTGCAGCTCTCCACAGCGACCATGACAGCGAGATCAAGAAATCCACCGT
 CTGAAATGGGGATGGAACACTGCTGGTTGCCAATGAGGATAAGGACCGTCGGATAGAGGAGCTGACAG
 GGCTGTTGAACAAGTACCTAAGGGTAAAGGAGATTGTGATGGCAACTCAGGGGCTTCAGAAAGAACCTCT
 CTCCATCAATGAAGATGAAATAGAGGGAAGCTTCCGAAATGGAATACCACAAATAAAGGCCAGAGGAA
 GTCCCAAGCAAGAGATATCACCACGATGCAGCTCTCCACCCAGGACCACCTCTTTGCCACAGAAAT
 CACTGGAGAGCAGGGCTCAGAAGAACTCTCTGCAGTCTAGAAGACTTGAGACGTGAATCTGGGGATAA
 GTGTGTGATGGGAACAGCTGTCCCAAGTGGGAGAGCCCAAGGACAGCTCTTCTAGCGGAGCAGAAAA
 TACCCACATTACCTGGGAAGCTTTCAGGAGCCACACCAATGGAGAAGCTGCCAAATCTCTCCCACTG
 CCTCCTCCAGCTGACTCTTCAGGGAGCAGCCAGCCAAAGCTGAGAGACACAGAAGGAGGTGGGAAGA
 TATAGTCTCATCTGCTTCGTCTGGGACTGAGTCAAGCCCTCAGTCTCCCGTGACACCATGATGGCAACGG
 AGCCCCAAAGGCATTAAAGAAATTCTGGGAAAGATCCGAAAGAACTCAGTCTGGAAACTTCAATACTGATG
 CACCGGGATGGCAGAGTTTCGACGAGGTGGGCTCCGAGCAACTGCGGGACCAAGGCTTTCTAGGACCAG
 GGACACCAAGGGACAGAAATGTGATGCCAATGCCCCCTTGGCCAGTGGAGCACAGAACGCGTATGTACA
 TGGATGGAGGATTCGGCCTGGGTGAGTATGTGATCTTGGCAGACAGTGGGTGACATCTGGACATACAC
 TACTGACAGCTACCCCTCAGGACATGGAAAAGGAGCTAGGGATTAACACCCCTCCACAGGAAGAAGCT
 GGTTTTAGCAGTGAAAGCTATCAACGCCAAGCAAGAAGAAAGCTGTGCGTGTCTGGACCACATTTGGGTG
 ACACGGTGGCTTGATGATATTGGCTTACCCCAATACAAAGACCAAGTTTCATGAATCAAGAGTTGATGGGC
 GAATGCTGCAATACCTAAGTGAATGATCTACTCTTCTTAAAGTCACCAGCCAACTACATCATCTCAG
 CATCAAAATGTGCTATTCACGTGCTACATGTCAACAAGTTCAACCCCAACTGCCTGCACAGGAGGCTGCT
 GATGAGAGTAACCTTTCCCTTCCGAAGTTGTGAGTGGTCCAACCACAGGGTAATGGAGTGGTGCAT
 CCGTGGACCTGGCAGAGTATGCACCAACCTTCGAGGGAGTGGCGTCCATGGCGGCTCATTATCTGGA
 GCCTCGCTTTACTGGGACACCCTGGCTATGCTTCTTAACATCCCCCACAGAAGACGCTCCTCAGGCGC
 CATCTGACCACCAAGTTCAACGCCCTGATTGGTCTGAGGCTGAACAGGAAAAGCGAGACAAATGGCCT
 CACCCGCTACACACCTCTGACCACCACGCCAAAGTTCGGCTAGGAACTTGGATTTTCACATTTTGG
 AAACATGAGAAAAAGAGTTTGTGAATCTACAGATTACATTTGCCCCATGGAGCCTGGAGATGCTGTC
 AGTGACAGCCACAGGGTCTACGGAGTCTACGGGGCTCAGTCCCTTGACAACCATGAAGTAGATGGTT
 TGGACAGATGGCACCTTCCGAAGGCACTGTACACAGATAGGGCTCCTCTCCAAGACATCCACCGCCT
 CACGACTCTACTGAGCCAGGACCAACTCCTGAATGACCGCCTGGCTGTCCCTGA

AGCGGACCGACGCTACGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-RsrII

ACCN:

NM_001163557

Insert Size:

2715 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001163557.1 , NP_001157029.1
RefSeq Size:	3850 bp
RefSeq ORF:	2715 bp
Locus ID:	19024
UniProt ID:	O35711
Cytogenetics:	7 E3
Gene Summary:	May regulate the disassembly of focal adhesions. Did not bind receptor-like tyrosine phosphatases type 2A (By similarity).[UniProtKB/Swiss-Prot Function]