

Product datasheet for **MC221168**

PPP1R3F (NM_138605) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R3F (NM_138605) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R3F
Synonyms:	DXIMX48E; R3F; RF3; SFC15
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221168 representing NM_138605
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCGCGCACGGCCCTGTGGAGCCACCCTGCGGCATCCCGCGCCCCGTCGCCGGCTGCGGGAGAGC
 CCCGCGCCTCGGCTGAGGCGGCGGTGGCCCCGCGAGGGTGTGTTTCGCTGACGAGGCCCTGGGGCTGCC
 TCTGGCGCAGCTACGCCCTACCGCCGTGGGGCGGGCCCGGGCGGGCAAGATGGCGCGGCGACCGGG
 CAAGATGGCGGCGGTGGCGGGGCTGATGAGGAAGACGATGGCGAGGATGGGGATGAAGGGGAGGAGGAAG
 AGGAGGCTTTTCCCGATCCCTCTCCGCCGTGCCCGTTCCCGCTGGCGGGGGTTTTACCTGGTGCCAC
 ATTTTCGTTGCCCGCGCTGGCCGTCTGGAGCGTGGGGCGCGTATGGTGGAGTTGGAGGCGCTG
 CTGCCGCTCTGGAGCGGTTCCCGGGGTTCCGGGTGTGGGTGCTGGGGACGCCGCCAGTGGTGC
 GCGGGTTGGTGCCTGTGAACCGCTCCTTCGAGAAGGCGGTGCACGTGCGGGCCTCACACGACGGTTG
 GGCTACCTTCTGCGACCCAGCCCGTATGTCCACGACGCCCTGGGGCAGGAGTGGGAGGAACA
 GGAGCAGGAGATCCCCTCTGGATCCCGGGCTAGGCTGGGCCCTGGCCAGATGTAGCCTCTCACCCG
 ACGACGGTGGCTGCACTGACCGCTTTCGCTTCCAGCTGCCCTTGTGAGGGCGCGAGCGATGGGGCGCG
 CCTCGACTTCGTGGTGCCTATGAGACCCCGAGGGCACTTCTGGGCCAACCATGGCCGCACTAC
 ACTGTCCTGCTCCGGATCGCACCCGCTCCACACCCACTGATGCCGAAGGGCTGCCCCAGCAGCAGCAGC
 TGCAGCAGCTGGAGCCACAGCCTGAGTGCCAGGGTCTGTGGAGGCTGAGGCCAGGCAGCTGAAGAGCTG
 CATGAAGCCGGTGAAGCGCAGGCCTTTGAAGAAGAGCCAAGGATGAGGAGTGGGACGATAATACCCTA
 GCAGAACATCTGATGTTGAGAGTCACTAGGTCCTGTTGGCCCTACCCCTCTCCGTCATGGCCCC
 AGATGACACTTCAGGTGCCGAAGTTATGTTGACCAGCAACCCTCAAGAAGAAGGTGACATCCCCAGA
 CAACCCACTGTGGCTTTTACAGAGGTCCGCCAGGCACCTGCCATCAGGATTCTTCCAGCAACCTGTGGC
 CTGGGTGGCCCCCAAGGACCAGGCCTCAGGGCCGATGCAAGTGATAGAGCTGCTGGCTCCTTCTGG
 AACCCACCCAGCAGCAGGTGGAGGCTGCGTGGGAAAGTGGAGGGGTGCGAAAGGCCCTATGGTAGGGC
 TCTGACAGATGAGCCCGCAGGGGTCTGGAGATTGTGAGTGGCTGGATGAGTTGCTTGGTGAAGACACC
 ATTGACCAGGAGTTGGAGCAGCTCTACCTGTCTCACCTGAGCCGTTGAGAGCTGTGGCAGCGCGGGTG
 GCGGGGAAGGCACTTCCCCACTCATGCCCTGGGCATACTCACAGACCGTACCTGATCTTGAAGTGGCC
 TGGCCCCGAGAGGGCCCTGAACAGTGTCTGGCCGAGGAGATCACGCTGCACTATGCGCGCCTGGGCTGT
 GCGGTGGAGCTCATCAAGGACACTGAAGACCCAGATGACGAGGGGAGGGTGAAGATGGGCTCTCCATCA
 CTCTTCTAGCCCTGAAGGGGCGAGCCCTAAGGAATCGCCTCCAGAAATCCTCTCTGGAGCCCGCTCTGT
 GATAGCTACTATGGGAGATGTGTGGGTTCCATGGGCAGAGCGCTCTAGCTCTAGATGTGATAGCCAGTG
 GTTCTGGGAACACAGGGTCACTGAGAAATCCAGAGAAAGGGATGGGCAAGGACACCAAGTCTCTGC
 ACCTGAAATAGGGTAAATAGTTGGGATGAGCAAGTCCCCTGGGGAGGCTGGGACGAAAGCCAGATGGAGGA
 GCTACCTACTGAGCGGAAAGCAGCTGGGTACCTAGTTCTGAGAAAGAGCTGCCTCTACCAGTCCAGCAA
 GAGCAGAGTCTGCCCTCCTTGGTCCCACAGGGACTGAAGTCTGTCTGTCTAGTGTAGCCAAGCCTCATG
 TGAACCTCCAGGAAGAAGAGGGTGAAGCCTGAATCTTGAGTCCCAAGAGGTCTCCATGCCAGCGGC
 CCCTGCAGAATGTGCGTGTGGTTGGCTCCTCAGCTCTGGGGCCCTTGACCCAACTTTGGGTGTACTG
 GCTGGGCTCGTTATGGTCCCGTGGCTTGAACAGCGGTGTGCCCTTCTGGTGTGGTGTGCTGTGCCCTCT
 CTCTGGCCTGTTCTCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_138605
 Insert Size: 2400 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_138605.3 , NP_613071.3
RefSeq Size:	3489 bp
RefSeq ORF:	2400 bp
Locus ID:	54646
UniProt ID:	Q9JIG4
Cytogenetics:	X 3.4 cM
Gene Summary:	Glycogen-targeting subunit for protein phosphatase 1 (PP1).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.