

## Product datasheet for **MC228964**

### PPP1R3F (NM\_001290574) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R3F (NM_001290574) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R3F
Synonyms:	DXImx48e; R3F; RF3; Sfc15
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >MC228964 representing NM\_001290574  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCGCGCACGGCCCTGTGGAGCCACCGCTGCGGCATCCCGCGCCCCGTGCGCCGGTGC GGGAGAGC  
 CCCGCGCCTCGGCTGAGGCGGCGGTGGCCCCGCGAGGGTGTGTTTCGCTGACGAGGCCCTGGGGCTGCC  
 TCTGGCGCAGCTACGCCCTACCGCCGTGGGGCGGGCCCGGGCGGGCAAGATGGCGCGGCGACCGGG  
 CAAGATGGCGGCGGTGGCGGGGTGATGAGGAAGACGATGGCGAGGATGGGGATGAAGGGGAGGAGGAAG  
 AGGAGGCTTTTCCCGATCCCTCTCCGCCGTGCCCGTTCCCGCTGGCGGGGGTTTTACCTGGTGCCAC  
 ATTTTCGTTGCCCGCGCTGGGCCGTCTGGAGCGGTTGGGGCGCGTATGGTGGAGTTGGAGGCGCTG  
 CTGCCGCTCTGGAGCGGTTCCCGGGGTTCCGGGTGTGGGTGCTGGGGACGCCGCCAGTGGTGC  
 GCGGGTTGGTGC GCGTGTGAACCGCTCCTTCGAGAAGGCGGTGCACGTGCGGGCCTCACACGACGTTG  
 GGCTACCTTCTGCGACCACCCAGCCGCTATGTCCACGACGCCGCTGGGGCAGGAGTGGGAGGAACA  
 GGAGCAGGAGATCCCCTCTGGATCCCGGGCTAGGCTGGGCCCTGGCCAGATGTAGCCTCCTACCCCG  
 ACGACGGTGGCTGCACTGACCGCTTTCGCTTCCAGCTGCCCTTGTGAGGGCGCGAGCGATGGGGCGCG  
 CCTCGACTTCGTGGTGCCTATGAGACCCCGAGGGCACTTCTGGGCAACAACCATGGCCGCACTAC  
 ACTGTCCTGCTCCGGATCGCACCCGCTCCACACCCACTGATGCCGAAGGGCTGCCCCAGCAGCAGCAGC  
 TGCAGCAGCTGGAGCCACAGCCTGAGTGCCAGGGTCTGTGGAGGCTGAGGCCAGGCAGCTGAAGAGCTG  
 CATGAAGCCGGTGAAGCGCAGGCCTTTGAAGAAGAGCCAAGGATGAGGAGTGGGACGATAATACCCTA  
 GCAGAACATCTGATGTTGAGAGTCACTAGTCCCCTGTTGGCCCTACCCCTCTCCGTCATGCCCC  
 AGATGACACTTCAGCAGGTGCCGAAGTTATGTTGACCAGAACCCCAAGAAGAAGGTGACATCCCCAG  
 AAGCAACCCACCTGTGGCTTTTACAGAGGTCCGCCAGGCACCTGCCATCAGGATTCTTCCAGCAACCTGT  
 GGCTGGGTGGCCCCCAAGGGACCAGGCTCAGGGCCGATGCAAGTATAGAGCTGCTGGCTCCTTCC  
 TGGAACCCACCCAGCAGCAGGTGGAGGCTGCGTGGGAAAGTGGAGGGGTGAAAGGCCCTATGGTAGG  
 GGCTCTGACAGATGAGCCCGCCAGGGTCTGGAGATTGTGAGTGGCTGGATGAGTTGCTGGTGAAGAC  
 ACCATTGACCAGGAGTTGGAGCAGCTCTACCTGTCTCACCTGAGCCGCTTGGAGCTGTGGCAGCGGCGG  
 GTGGCGGGGAAGGCACTTCCCCACTCATGCCCTGGGCATACTCACAGACCGTGACCTGATCTTGAAGT  
 GCCTGGCCCCGAGAGGGCCCTGAACAGTCTCTGGCCGAGGAGATCACGCTGCATATGCGCCCTGGG  
 TGTGGCGTGGAGCTCATCAAGGACTGAAGACCCAGATGACGAGGGGGAGGGTGAAGATGGGCTCTCCA  
 TCACTCCTTCTAGCCCTGAAGGGGGCAGCCCTAAGGAATCGCCTCCAGAAATCCTCTCTGGAGCCGCTC  
 TGTGATAGCTACTATGGGAGATGTGTGGTTCCATGGGCAGAGCGCTCTAGCTCTAGATGTGATAGCCCA  
 GTGGTTCTGGGAACACAGGGTCAGTTCACTGAGAATCCAGAGAAAGGGATGGGCAAGGACACCAAGTCTC  
 TGCACCTGAATAGGGTAAAGTTGGGATGAGCAAGTCCCCTGGGGAGGCTGGGACGGAAAGCCAGATGGA  
 GGAGCTACCTACTGAGCGGGAAGCAGCTGGGTACCTAGTTCTGAGAAAGAGCTGCCTCTACCAGTCCAG  
 CAAGAGCAGAGTCTGCCCTCCTGGTCCCACAGGGACTGAAGTCTGTCTGTCTAGTGTAGCCAAGCCTC  
 ATGTGAACTCCCAGGAAGAAGAGGGTGGAAAGCCTGAATCTTGTAGTCCCCAAGAGGTCTCCCATGCCAGC  
 GGCCCCGCAGAAATGTGCGTGTGGTTGGCTCCTCAGCTCTGGGGCCCTTGACCCAACTTTGGGTGTA  
 CTGGCTGGGCTCGTTATGGTCCCCTGGCTTTGAACAGCGGTGTGCCCTCTGGTGTGGTGTGTGCC  
 TCTCTGGCCTGGTTCTCGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
 ACCN: NM\_001290574  
 Insert Size: 2403 bp

<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001290574.1, NP_001277503.1</u>
<b>RefSeq Size:</b>	3492 bp
<b>RefSeq ORF:</b>	2403 bp
<b>Locus ID:</b>	54646
<b>Cytogenetics:</b>	X 3.4 cM
<b>Gene Summary:</b>	Glycogen-targeting subunit for protein phosphatase 1 (PP1).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer 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.