

## Product datasheet for **MC217664**

### **Itpripl2 (NM\_001033380) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Itpripl2 (NM_001033380) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Itpripl2
Synonyms:	C130081G24; E030018N11Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217664 representing NM\_001033380  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCCGTGCGGTACACGCTCAACCTGCGGGTCTTCTGGCCCTTGGTGACCGGGCTGTGCACGGCGCTGG  
TGTGCCTTACCATGCCCTACGCAGCAGCGAGGATGCCCGGGCCGAGTCCCCGACGGCGCAGACAGCGG  
TTTCCCCTTGTCAAGGTGGCCATCCTTCTTCTCCTCGGCTACATCCTCTACGATGTGCCACGCCATC  
CGCCAGCGCTGTGCCAGGCTCTCCCGCCCGCTGGTCATGCCAACTTCTCAGCCAGATCCTTGAAG  
AGCCAGGCTGAGCATCTTACTGGAGAGTTACTATGAGCACGAAGTGCCTGTGCCCGCATGTGCTAGG  
TCACAGCAAGGCACATGTGAGCCGATTGTGGGGAACTAGTGAAGCTGGCCGGGCCGAGGGTCTCCA  
GGCCTCATACCGGGGAGCACTGGCTTGGCCTTCCGGGAGACTTCATCCAGGTGGGCAGCGCCTATG  
AACAGCATAAAATCCGCCACCCGACAGCTTCGACGTGTTGGTGCCACTGCGACTCCCGCCGAGGTGGC  
GCTGGAGCCGGAGCCTGGGGACCGAACCTCGCTGACCCAGCCTTCCGAGCTGCTTGTGTGCC  
CTCAAGGCACCACCTCGCCATCGGGGGCTCGACGGGCCAGTGGCATCGCGACTGCAAACCTTCGCTG  
AAGGCTTCTGTGTGGATGTGCAGGGCCGTGCCACCTCTCAGCTACCCTGGTACTGCGCTGGTCCAGGC  
GCACCTACAGCGCTCCTTGGCCACTGTGCGCTACAGCTTGGAGGGTCTGCTCGGGTACGCTGACCCCA  
GGCAGTCTGGAGCAGCCCCACCTCCACATCCTTCTTGGCCACGGACTATGGCTGTGCCGCTT  
CCATGGCCGTGCGCCTCATCCCTGCTGTCCACCTGGGTGATGGCGTCTTCTTGTGGCACCACCACC  
ACCCTCGCTAGCGGGCCCTGTGAGAGTCCCGGGTGGCTGCGCGCCGAGGCTCTGTGGGGTGTGAAC  
ACAGCAGTCAAGGACAGAACTGCTGGGCTGGCTTCAAGAACGGGCGCTCCAGGTGCTGCTATCTCA  
AGTGCCTGCAGCTGCTTAAGGCTCTTCGAGACTGGGTGCCCGGGCTGGACCCGATGGCTGTACACA  
CTGGGGACGTATCCTGTCTCTTACGTGCTCAAAACGGCGGTGCTGGAGGTGCTTCTGAACGAGGGCAGC  
CCAACGCCAGCTGGGACGAGGCACACCTGAGTGAGTGTGGAGAAGTTGGTGAAGTCTTATGGGACT  
GCCTGCTGAGACGCCGAGATCTTCCATTGTGCTTAGGTCCGACTGGGGCGGCTGCCGAGTTGGCC  
CCTGCCAAAGGTGCTGCGGGAGGCCGCTCTGTTGACCTCCTGGCGCTTTCGACCCGACTCCCGGGAG  
CTTGACAGCAGCGGTTGCTGTCCACGTGGCGAAGTTGCCCCAGCTTCTCCGAGTCTACGGTGGTCCCC  
GCTACCTTCCAGGTGTCCAGCACCCCGAGTCAACGCATCCAGGGCTCCCCTGAAGATGAACCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001033380

**Insert Size:** 1608 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.

**RefSeq:** [NM\\_001033380.3](#), [NP\\_001028552.1](#)

**RefSeq Size:** 6891 bp

**RefSeq ORF:** 1608 bp

**Locus ID:** 319622

**UniProt ID:** [Q3UV16](#)

**Cytogenetics:** 7 F1