

Product datasheet for **MC215832**

Plin3 (NM_025836) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plin3 (NM_025836) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plin3
Synonyms:	1300012C15Rik; M6prbp1; Tip47
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC215832 representing NM_025836
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCTAGCAATGGTACAGATGCGCCTGCCGAAGCTCAAGCTGCTATGGAGGAACCTGTTGTGCAGCCCA
 GCGTGGTGGATCGTGTTGCCGGCCTGCCTTTATCAGTTCACCGTATGGGATGGTGAGCGCCGCCTACAC
 CTCACCAAGGAGAACTACCCCCACGTCAGGACTGTGTGCGATGTGGCTGAGAAAGGCGTCAAGACCCTC
 ACCACGGCCGCTGTCAGCACAGCACAGCCATCCTGTCCAAGCTGGAGCCCCAGATTGCGACGGCCAGTG
 AGTATGCACACCGAGGGCTGGACAGACTGCAGGAAAGCCTGCCCATCCTCCAGCAGCCGACTGAGAAGGT
 TTTGGCGGATACTAAGGAACTGGTGTCTCTACAGTGTCTGGGGCTCAAGAAATGGTATCTAGCTCAGTG
 TCTAGTGCGAAGGAAACAGTGGCCACCCGGGTACAGGAGCGGTGGATGTGACCTCGGGGCTGTGCAGA
 ACAGCGTGGACAAGACCAAGTCAGCAATGACCAGCGGTGTCCAATCAGTCATGGGCTCACGTGTGGGACA
 GATGGTGATTAGCGGAGTGGACAGAGTGTCTGTGAAATCAGAGGCTGGGCAGACAATCGCTGCCCTG
 ACAGAGGCGGAGCTAGCTCTGATTGCCACACCCCGGAGGACTCGGACATGGCCTCACTGCAGCAGCAGC
 GACAGGAGCAGAATACTTTGTCCGGTTGGGCTCTCTCTGAGAGGCTGCGCAATCACGCCTATGAACA
 CTCCCTCGGAAGCTGCAGAATGCCAGGCAGAAGGCACAGGAGACGCTGCAGCAGCTAACAGTGTGCTC
 GGCTGATGGAATCCGTGAAACAGGGTGTGGACCAGAGGCTGGGGGAGGGGCAGGAGAAGCTGCACCAGA
 TGTGGCTCAGCTGGAACCAAGACCCACAGGATGCTGAAAAGGACCCAGCTAAGCCAGAGCAGGTGGA
 GGCCCGGGCACTCAGCATGTTCCAGGACATCACCCAGCAGCTGCAGAGCATGTGTGTGGCCCTGGGGCC
 AGCATCCAGGGCTTGCCAGCCACGTACGGGAGCAGGCACAGCAGGCCCGCAGCCAGGTGAACGACCTTC
 AGGCCACCTTCTCCGGCATTCACTCCTTCCAGGACCTCTCAGCCGGCGTTCTTGCCTCAAACTCGGGAGCG
 CATAGCCAGAGCCCGGGAGGCCCTAGACAACACTGTGGAGTACGTGGCCAGAACAATCCAGCCATGTGG
 CTGGTGGGCCCTTCGCTCCTGGAATCACAGAGAAAACCCTGAAGGGAAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_025836
- Insert Size:** 1314 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_025836.3](#), [NP_080112.1](#)

RefSeq Size:	2159 bp
RefSeq ORF:	1314 bp
Locus ID:	66905
UniProt ID:	Q9DBG5
Cytogenetics:	17 D
Gene Summary:	Required for the transport of mannose 6-phosphate receptors (MPR) from endosomes to the trans-Golgi network.[UniProtKB/Swiss-Prot Function]