

Product datasheet for MC212287

Plpbp (NM_001039077) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plpbp (NM_001039077) Mouse Untagged Clone
Tag: Tag Free
Symbol: Plpbp
Synonyms: 1700024N20Rik; 2200002F22Rik; Prosc
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC212287 representing NM_001039077
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTGAGAGGTGGCAGCATGACGGCGGAGCTGGGAGTCGGGTTTCGCGCTGCGGGCCGTGAACGAGCGAG
 TCCAGCAGAGTGTGGCGCGGCCGCGGGACCTCCAGCCATCCAACCCGGCTCGTTGCGGTGAGCAA
 AACAAAACCTGCAGACATGGTATCGAGGCCTATGGCCACGGCCAGCGCACTTTGGAGAGAAGTATGTT
 CAGGAAGTACTAGAAAAAGCATCAAACCCTAAGATTCTGTCTTCTGTCCCGAGATCAAGTGGCACTTCA
 TTGGTCATTTACAGAAACAAAACGTCAACAACTGATGGCCGTCCCAACCTCTCTATGCTGAAACCGT
 AGACTCGGTGAAGCTGGCAGACAAGGTGAATAGCTCCTGGCAGAAGAAAGTCTACAGAACCCTGAAG
 GTGATGGTCCAGATTAACACCAGCGGAGAGGACAGTAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001039077
Insert Size: 462 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).



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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:	<u>NM_001039077.2</u> , <u>NP_001034166.1</u>
RefSeq Size:	1463 bp
RefSeq ORF:	462 bp
Locus ID:	114863
Cytogenetics:	8 A2
Gene Summary:	<p>Pyridoxal 5'-phosphate (PLP)-binding protein, which may be involved in intracellular homeostatic regulation of pyridoxal 5'-phosphate (PLP), the active form of vitamin B6. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses a different splice site in the 3' coding region and lacks several segments in the coding region, compared to variant 4. The resulting protein (isoform b) has a shorter and distinct C-terminus when it is compared to isoform d.</p>