

## Product datasheet for MR220705

### Plpbb (NM\_054057) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Plpbb (NM_054057) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plpbb
Synonyms:	1700024N20Rik; 2200002F22Rik; Prosc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220705 representing NM_054057 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTGAGAGGTGGCAGCATGACGGCGGAGCTGGGAGTCGGGTTTCGCGCTGCGGGCCGTGAACGAGCGAG  
TCCAGCAGAGTGTGGCGCGGCCGCGGGACCTCCAGCCATCCAACCCGGCTCGTTGCGGTGAGCAA  
AACAAAACCTGCAGACATGGTGATCGAGGCCTATGGCCACGGCCAGCGCACTTTGGAGAGAAGTATGTT  
CAGGAAGTACTAGAAAAAGCATCAAACCCTAAGATTCTGTCTTCTGTCCCGAGATCAAGTGGCACTTCA  
TTGGTCATTTACAGAAAACAAACGTCAACAACTGATGGCCGTCCCAACCTCTCTATGCTGAAACCGT  
AGACTCGGTGAAGCTGGCAGACAAGGTGAATAGCTCCTGGCAGAAGAAAGGTCTACAGAACCAGTGAAG  
GTGATGGTCCAGATTAACACCAGCGGAGAGGACAGTAAACACGGCCTGCTGCCTTACAGAGCCATAGCTG  
TCGTGGAACACATAAAGGCCAGTTGTCCAGCCTGGAGTTCGTGGGTCTCATGACCATAGGAAGCTTTGG  
ACATGATCTAAGTCAAGGACCAACCCAGACTTCCAGAGGCTGCTGACCTGCGGCGGGAGCTGTGTGAA  
AAGCTGGCATTCCGGTGGAGCAGGTGGAATTAGCATGGCATGTCCATGGACTTCCAGCATGCTATTG  
AAGTAGGATCTACAAATGTCCGGATAGGGAGCACTATTTTTGGAGAGCGGGACTACTCAAAGAAGCCTGC  
CCTAGACAAGACAGCAGACGCGAAGGCCTCAGTACCACTGGTGAAGGACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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\\_054057.4](#), [NP\\_473398.1](#)

**RefSeq Size:** 3619 bp

**RefSeq ORF:** 825 bp

**Locus ID:** 114863

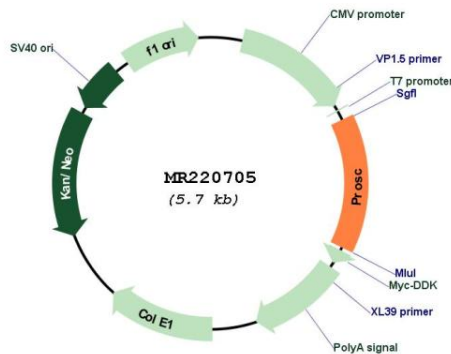
**UniProt ID:** [Q9Z2Y8](#)

**Cytogenetics:** 8 A2

**MW:** 30.5 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR220705