

## Product datasheet for **MC220391**

### **Pram1 (NM\_001002842) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pram1 (NM_001002842) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pram1
Synonyms:	AY665714
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220391 representing NM\_001002842  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGGAGCAATCAGACTTCCGAAACCTCCAAGCTAAGTTCCAACCTCTCAGCCAGAACTTGGAGAAC  
 TGTTCAGAAAAACCCCAAGCCTGAGTTAAACAAAGTCCTGAAGAAATTTCCACAGACTGAGTTAAGTGA  
 GCAGCCCAAGAAGTCTCACAGTCTGAGCTCAGTGCAGTGTCTTTGAAACCACTGCAGCTGCAGTTTGCA  
 GACCTCCCAGGAAGCCCCACAGCCTGGAGTTCTTAAAAAGTACCACAGCCTGAGTTCCTCATCTAG  
 CCAACAAGCCTGTACAGGCTGAATTCCAAGGAAGCCTTACATCCAGAGTTCACAGGTCTCAAAAAGCC  
 TTCCCAGGCTGAGTTCACAGATCTCAAGAAGCCCCACAGCCCCAGTTTGCAGCCTCCCCAAGAAGCCC  
 CCAAAACCTGAGTTGGAGAGCTCTCAAGAGACCTCCACAGTTGAGACACCCAGGAGCCTAGTGCTC  
 CTCTGCCAGAAGCTCCTGAAGCCGAGCCTACAATCTGCCAGGCCCTAGGAGAGCTCAAACCCAA  
 GATGTTTTGGCACCTTGAGGCCAATGAGGCACCTAAGAGGCCCTTGCCATCTGAATCCAGTACTTTTCCC  
 AAGAAGCCACTGCAGCCTGAGGCTGTTGTTGGTTTCTCTAGGAAGTCCCAGCCACAGTCAAGTCCATCG  
 AAGTTTCTCAGACATCCCCCTAAGTGTGGGTCCAGGGAGCTTGACTCTCACTCCCACAGCCTGACAT  
 CAGTACTTTTCTAAGAACAATGAGAACTTTAGGAAACCTTCATATCCTCAAGCCACTGGTTGCCCAAG  
 TCCCCAAAGCAGCCCATGTTCTATGAGTTCCCCAGACACCCCTCGGAAGCCTGAGTCATGTAACCCCA  
 AGTCTCACTCCCGCTGCCAGACTTCAATGCATTCCTAAGAAGCATCCACAGCTCCAGCCAAGTGACCT  
 TACCAGGCATCCTCGGAGCCTGAAGTCTGCAAGTTCCTCAAAAAGACTCAGAAGCCAGACCCCAATGTG  
 CTTTCTCAGAAGCCCTCACAGCCAGAATTGGGTACCTCCCTAGAATCCTCGGACCCCGAGTTCAACT  
 CGCTCCCAGGAAGTTTCTGCAGCCTCAACACGGCAAGTTCTTCCAGCCTGAGTTCCCAAGGGTCTGCC  
 TAGAAAAGCCCAAGCTTCCTGGTTCAAGTGTCTGAATGCTCCTCGCCCTCTGCTAGTGCGGGCTCCAGCCCC  
 CAGTGCCCTCTCAGCCCTGGGCTTATAGTCCCTGGGATACCCCGCTGGAGATCAGAAGACTTCCAAGTCC  
 AGCGCCACCCCGACGGCGGCCCTGCCCTCAGCCAGCAGCCTGGGACACCCCCAGCCAAGCCCGCACT  
 ACCACCTGGCCCCATCAATATCCAAAGCTTCAGGAGAGCCGAGCAACAGCCGACGGTACTGAAGACA  
 GGCTCTTCTACTGGGACCACTTCCAAGCTCAACAACCTCAACATATTGCACAGAACCCGGATGAGATCT  
 ACGAAGTGTATGATGCTGTGGAGCCACAGATGACTCTAGTATCAGCCCCAGAGGAGAGATGAAATGCT  
 GTCTACCCAGCAAGCCACCAGATGGCCTAACAGGAGCCAGAGCTCAGGAAGAAGGCCACTCAGCCACAG  
 CAGCTGCCAGCTACAGACCCCAAGCTGCTGAAACAGATCAGGAAGGCAGAAAAGGCTGAGAGAGAGTTTA  
 GAAAGAAGTTTAAAGTTTGAAGGTGAGATTGTGATTACACGAAGATGATGATTGACCCCAATGCCAAGAC  
 CCGGCGTGGGGTGGCAAGCACCTGGGCATCCGGCGTGGAGAGATCCTAGAGGTGATCGAGTTCACTAGC  
 AAGGATGAGATGCTCTGCCGGGACCCCAAGGGCAAGTATGGCTATGTGCCAGAAGTGCAGTGTGCCCT  
 TGGAAACAGAGGTATATGATGACGTCAGCTTTGGGGACCTCTGGACATGCAACCATTTCTCGG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001002842
- Insert Size:** 2028 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\\_001002842.2](#), [NP\\_001002842.2](#)

**RefSeq Size:** 2290 bp

**RefSeq ORF:** 2028 bp

**Locus ID:** 378460

**UniProt ID:** [Q6BCL1](#)

**Cytogenetics:** 17 B1

**Gene Summary:** May be involved in integrin signaling in neutrophils. Binds to PtdIns(4)P.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein.