

Product datasheet for **MR218463**

Pram1 (NM_001002842) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR218463 representing NM_001002842
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAGCAATCAGACTTCCGAAACCTCCAAGCTAAGTTCCAACCTCTCAGCCAGAACTTGGAGAAC
 TGTTCAGAAAAACCCAAAGCCTGAGTTAAACAAAGTCCTGAAGAAATTTCCACAGACTGAGTTAAGTGA
 GCAGCCCAAGAAGTCTCACAGTCTGAGCTCAGTGCAGTGTCTTTGAAACCACTGCAGCTGCAGTTTGCA
 GACCTCCCAGGAAGCCCCACAGCCTGGAGTTCTTAAAAAGTACCACAGCCTGAGTTCCTCATCTAG
 CCAACAAGCCTGTACAGGCTGAATTCCTAAGGAAGCCTTACATCCAGAGTTCACAGGTCTCAAAAAGCC
 TTCCAGGCTGAGTTCACAGATCTCAAGAAGCCCCACAGCCCCAGTTTGCAGCCTCCCCAAGAAGCCC
 CCAAAACCTGAGTTTGGAGAGCTCTCAAGAGACCTCCACAGTTGAGACACCCAGGAGCCTAGTGCTC
 CTCTGCCAGAAGCTCCTGAAGCCGAGCCTAACAATCTGCCAGGCCCTAGGAGAGCTCAAACCCAA
 GATGTTTTGGCACCTTGAGGCCAATGAGGCACCTAAGAGGCCCTTGCCATCTGAATCCAGTACTTTTCCC
 AAGAAGCCACTGCAGCCTGAGGCTGTTGTTGGTTTCTCTAGGAAGTCCCAGCCACAGTCAAGTCCATCG
 AAGTTTCTCAGACATCCCCCTAAGTGTGGGTCCAGGGAGCTTGACTCTCACTCCCACAGCCTGACAT
 CAGTACTTTTCTAAGAACAATGAGAACTTTAGGAAACCTTCATATCCTCAAGCCACTGGTTGCCCAAG
 TCCCCAAGCAGCCCATGTTCTATGAGTTCCTCCAGACACCCCTCGGAAGCCTGAGTCAATGAACCCCA
 AGTCTCACTCCCCGCTGCCAGACTTCAATGCATTCCTAAGAAGCATCCACAGCTCCAGCCAAGTGACCT
 TACCAGGCATCCTCGGAGCCTGAAGTCTGCAAGGTTCCCAAAAAGACTCAGAAGCCAGACCCCAATGTG
 CTTTCTCAGAAGCCCTCACAGCCAGAATTGGGTACCTCCCTAGAACATCCTCGGACCCCGAGTTCAACT
 CGTCCCAGGAAGTTTCTGCAGCCTCAACACGGCAAGTTCTTCCAGCCTGAGTTCCCAAGGGTCTGCC
 TAGAAAGCCCAAGCTTCTGGTTCAAGTGTCTGAATGCTCCTGCCCTCTGCTAGTGCAGGCTCCAGCCCC
 CAGTGCCCTCTCAGCCCTGGGCTTATAGTCCCTGGGATACCCCGCTGGAGATCAGAAGACTTCCAAGTCC
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 ACCACCTGGCCCCATCAATATCCAAAGCTTCAAGGAGCCGAGCAACAGCCGACGCGTACTGAAGACA
 GGCTCTTCTACTGGGACCACTTCCAAGCTCAACAACCTCAACATATTGCACAGAACCCGGATGAGATCT
 ACGAAGTGTATGATGCTGTGGAGGCCACAGATGACTCTAGTATCAGCCCCAGAGGAGAGATGAAATGCT
 GTCTACCCAGCAAGCCACCAGATGGCCTCAACAGGAGCCAGAGCTCAGGAAGAAGGCCACTCAGCCACAG
 CAGCTGCCAGCTACAGACCCCAAGCTGCTGAAACAGATCAGGAAGGCAGAAAAGGCTGAGAGAGAGTTTA
 GAAAGAAGTTTAAGTTTGAAGGTGAGATTGTGATTCACACGAAGATGATGATTGACCCCAATGCCAAGAC
 CCGGCGTGGGGTGGCAAGCACCTGGGCATCCGGCGTGGAGAGATCCTAGAGGTGATCGAGTTCACTAGC
 AAGGATGAGATGCTCTGCCGGACCCCAAGGGCAAGTATGGCTATGTGCCCAGAAGTGCAGTGTGCCCT
 TGGAAACAGAGGTATATGATGACGTCAGCTTTGGGGACCTCTGGACATGCAACCATTTCTCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218463 representing NM_001002842
 Red=Cloning site Green=Tags(s)

MGSNQDFRNLQAKFQTSQPELGELFRKTPKPELNKVLKFFPQTELSQPKKSSQSEL SAVSLKPLQLQFA
 DLPRKPPQPGVLKKSQPEFPHLANKPVQAEFPRKPLHPEFTGLKKPSQAEFTDLKKPPQPQFASLPKPKP
 PKPEFGELSKRPPQLETPQEPSAPPAQKLLKPEPNNPARPLGELKPKMFHWLEANEAPKRPLPSESSTFP
 KKPLQPEAVVGF SRKSQPQSESI EVSQTS PSKCGSRELD SHSPQDI STFPKNENFRKPSYPQATGCPK
 SPKQPMFYEFQTPPRKPESCNPQSHSPLPDFNAFPKHPQLQPSDL TRASSEPEVCKVPKKTQKPDPNV
 LSQKPSQPELGHLPR TSSDPEFNSLPRKFLQPQHGGKFFQPEFPKGLPRKPKLPGSVSECSLPSASAGSSP
 QCPLSPGLIVPGIPRWRSEDFVQVRPPRRRPLPSASSLGHPPAKPALPPGPINIQSFRRAAATAAAVLKT
 GSSTGTHFQAQQPHIAQNPDEIYEL YDAVEATDDSSISPRGRDEMLSTQQATRWPPQEPEL RKKATQPQ
 QLPATDPKLLKQIRKA EKAEREF RKKFKFEGEI VIHTKMMIDPNAKTRRGGGKHLGIRRGEILEVIEFTS
 KDEMLCRDPKGYGVVPR TALLPLETEVYDDVSFGDPLDMQPFPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9104_g12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001002842

ORF Size: 2025 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001002842.2](#), [NP_001002842.2](#)

RefSeq Size: 2290 bp

RefSeq ORF: 2028 bp

Locus ID: 378460

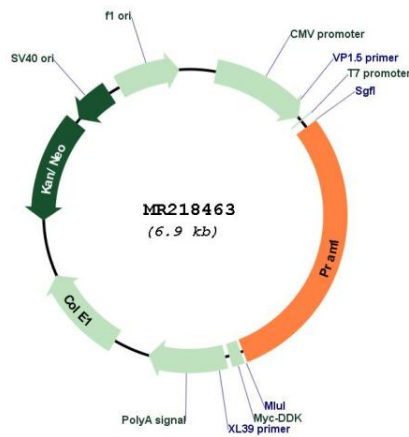
UniProt ID: [Q6BCL1](#)

Cytogenetics: 17 B1

MW: 75.5 kDa

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

Product images:



Circular map for MR218463