

Product datasheet for **MR214968**

Prame (NM_029459) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Prame (NM_029459) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Prame |
| Synonyms: | 4930534P07Rik; RP23-250F8.3 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>MR214968 representing NM_029459
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGATGGATGAAAGAGACCCATCCTCGCTTTTGGATCTGGCTATACAGAGTCTACTAAGTAATGAGC
 TTGTAGCAATTCATTCTCTGGGGGAGATCCCAAGGGAGCTTTTTGTTCCATTGTTCTCTGCTGCCTTCAC
 GGGAGGATATAGGAAGATACTGACTTCAATGGTGAAGATTTGGCCTTTTACCTGTCTCCACATTGGAACA
 TTAAGTGTACAGGAACCCAGCGTGAACCTCTGAAAGCCATGGTTGAGAGTCTTCAGTTTCTTCTGCCC
 AGGACTGTTCTTCTGGGGGCCCTAAGTTGAGGATCCTAGATGTAAGGCAGGGTGTGACTGCAAGACAAC
 ATGCCCTGATTTTGGTGCAGATCTCCAACCTGTTTTTCATGGTTGACTCACTCTGTACACTCTATTCTG
 AAGTTAGAAAGCCAGTACAGCATTGTAGATCTAAAGCCGAGAGTCAGTCTGCAATCCAGCCTATGGAAC
 TACTAGTAGACCTTTCCCTTGATGGTACCTTGAGAGAAAGGGAATTTTTGCTTTGCTTCTGAATAAAGT
 ACAGCAGAGCTCAGGGTCTTTGCACCTCTGCTGCCGAGATCTACAAATTGATAGATTTTCTATGCCAAA
 AACGCTCTGAAGTTCTCGATCTAAGTGCATTAGAACCTGACAGTTGATCAGGCTTCACTGAGTGAAG
 TCACCACTCTTCTGGCTCGCATGATCTATCTGGACAGCCTGAGTCTCTCTAAAATCACTTATAGATCTTT
 GCATGGGAAAGTCTTCCGAGTGTCTCAACTATCTTGGGCGGATGAACTGCCTGAAAGAGCTCAACCTG
 TCTTCTTTAGCCTCACAGACCTCTGGATAGCCTCCTCAGAGCCTTACCACCTAATTTGGATTTCTTGT
 ATCTGCCGTTCTGTGAAATTTCTTACAGAGATCTCAAATTTCTATCCAGAGTGCCTCAGGCCACCCACTT
 AAAGCTGTTGAATCTTAGTAACAACCAATGTATTGGGATGATTGTGGCCTTTTTCAGACTCTTTTGCAG
 AAGCTCTCAGATACCTTGAGCATCTGGCCATAAACCAATTGCCATTTAACAGATGCCATACTCTCTGCTA
 TTCTGCCAGCACTATCTAAGTGTCCCATCTCCGTGTGATTAGCTTTGTCTCTAACCCCATTTCAATGCC
 TATGCTCCTGAAAATTTCTTACTTAAACACCTTTGATGGAGCTGAAATACGTGATTTACCTATCCCT
 ATACATTGCTATGAACAATGGCAATTTTCATGGCAGATTAGACCGCAGAAGCTCACCGATGTCCAAGCAC
 AACTGAAGGCAATGCTACAAGCAGCAAAAAGGAGTGACATGAACTGGATCACTTATTCTCAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR214968 representing NM_029459
 Red=Cloning site Green=Tags(s)

MMMDERDPSSLLDLAIQSLLSNELVAIHSLGEIPRELFVPLFSAFTGGYRKILTSMVKIWPFTCLHIGT
 LSVQEPQRELLKAMVESLQFLPAQDCSSGGPKLRILDVRQGVDCSTTPDFGARSPTCFHGCTHSVHSIL
 KLESQYSIVDLKPESQSAIQPMELLVDLSLDGTLREREFALLLNKVQQSSGSLHLCCRDLQIDRF SYAK
 NALKFLDLTCIQNLTVDAQSLSEVTTLLARMIYLDLSLSKITRSLHGKVFVFLNYLGRMNCLKELNL
 SSFSLTDHLDLRLALPPNLDLFLPFCEISYRDLKFLSQAQATHLKLNL SNNPMYWDGCPFTLLQ
 KLSDTLQHLAINHCHLTDAILSAILPALSKCSHLRVISFVSNPISMPMLLKILHYLTPLMELKYVIYPIPI
 IHCYEQQWFHGRLLDRQKLTDVQAQLKAMLQAAKRSDMNWITYSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9062_a03.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_029459

ORF Size: 1392 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.

RefSeq: [NM_029459.2](#), [NP_083735.2](#)
RefSeq Size: 2267 bp

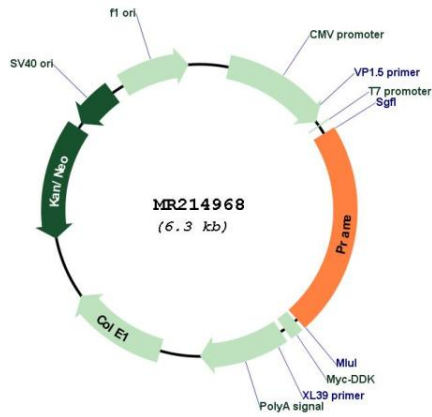
RefSeq ORF: 1395 bp

Locus ID: 75829

Cytogenetics: X F1

MW: 52.7 kDa

Product images:



Circular map for MR214968