

Product datasheet for **MG214968**

Prame (NM_029459) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prame (NM_029459) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Prame
Synonyms:	4930534P07Rik; RP23-250F8.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG214968 representing NM_029459
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGATGGATGAAAGAGACCCATCCTCGCTTTTGGATCTGGCTATACAGAGTCTACTAAGTAATGAGC
 TTGTAGCAATTCATTCTCTGGGGGAGATCCCAAGGGAGCTTTTTGTTCCATTGTTCTCTGCTGCCTTAC
 GGGAGGATATAGGAAGATACTGACTTCAATGGTGAAGATTTGGCCTTTTACCTGTCTCCACATTGGAACA
 TTAAGTGTACAGGAACCCAGCGTGAACCTCTGAAAGCCATGGTTGAGAGTCTTCAGTTTCTTCTGCCC
 AGGACTGTTCTTCTGGGGGCCCTAAGTTGAGGATCCTAGATGTAAGGCAGGGTGTGACTGCAAGACAAC
 ATGCCCTGATTTTGGTGCAGATCTCCAACCTGTTTTTCATGGTTGACTCACTCTGTACTCTATTCTG
 AAGTTAGAAAGCCAGTACAGCATTGTAGATCTAAAGCCGAGAGTCAGTCTGCAATCCAGCCTATGGAAC
 TACTAGTAGACCTTTCCCTTGATGGTACCTTGAGAGAAAGGGAATTTTTGCTTTGCTTCTGAATAAAGT
 ACAGCAGAGCTCAGGGTCTTTGCACCTCTGCTGCCGAGATCTACAAATTGATAGATTTTTCTATGCCAAA
 AACGCTCTGAAGTTCTCGATCTAAGTGCATTAGAACCTGACAGTTGATCAGGCTTCACTGAGTGAAG
 TCACCACTCTTCTGGCTCGCATGATCTATCTGGACAGCCTGAGTCTCTCTAAAATCACTTATAGATCTTT
 GCATGGGAAAGTCTTCCGAGTGTCTCAACTATCTTGGGCGGATGAACTGCCTGAAAGAGCTCAACCTG
 TCTTCTTTAGCCTCACAGACCTCTGGATAGCCTCCTCAGAGCCTTACCACCTAATTTGGATTTCTTGT
 ATCTGCCGTTCTGTGAAATTTCTTACAGAGATCTCAAATTTCTATCCCAGAGTGCCTCAGGCCACCCACTT
 AAAGCTGTTGAATCTTAGTAACAACCAATGTATTGGGATGATTGTGGCCTTTTTCAGACTCTTTTGCAG
 AAGCTCTCAGATACCTTGCAGCATCTGGCCATAAACCAATTGCCATTTAACAGATGCCATCTCTGCTA
 TTCTGCCAGCACTATCTAAGTGTCCCATCTCCGTGTGATTAGCTTTGTCTCTAACCCATTCAATGCC
 TATGCTCTGAAAATTTCTTACTTAAACACCTTTGATGGAGCTGAAATACGTGATTTACCTATCCCT
 ATACATTGCTATGAACAATGGCAATTTTCATGGCAGATTAGACCGCAGAAGCTCACCGATGTCCAAGCAC
 AACTGAAGGCAATGCTACAAGCAGCAAAAAGGAGTGACATGAACTGGATCACTTATTCTCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>MG214968 representing NM_029459
 Red=Cloning site Green=Tags(s)

MMMDERDPSSLLDLAIQSLLSNELVAIHSLGEIPRELFVPLFSAFTGGYRKIL TSMVKIWPFTCLHIGT
 LSVQEPQRELLKAMVESLQFLPAQDCSSGGPKLRILDVRQGVDCSTTCPDFGARSPTCFHGCTHSVHSIL
 KLESQYSIVDLKPESQSAIQPMELLVDLSLDGTLREREFALLLNKVQQSSGSLHLCCRDLQIDRF SYAK
 NALKFLDLTCIQNLTVDAQSLSEVTTLLARMIYLDLSLSKITYRSLHGKVFVFLNYLGRMNCLKELNL
 SSFSLTDHLDSLRLALPPNLDLYLPFCEISYRDLKFLSQAQATHLKLNL SNNPMYWDCCPFQTL LQ
 KLSDTLQHLAINHCHLTDAILSAILPALSKSHLRVISFVSNPISMPMLLKILHYLTPLMELKYVIYPIPI
 IHCYEQWQFHGRLLDRQKLTDVQAQLKAMLQAAKRSDMNWITYSQ

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

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_029459.2</u> , <u>NP_083735.2</u>
RefSeq Size:	2267 bp
RefSeq ORF:	1395 bp
Locus ID:	75829
Cytogenetics:	X F1