

Product datasheet for **RC238434**

PRAMEF33 (NM_001291381) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAMEF33 (NM_001291381) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRAMEF33
Synonyms:	PRAMEF33P
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC238434 representing NM_001291381
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCTCCAGGCCCATCCAGACTGCTGGAGCTGGCAGGGCAGAGCCTGCTGAGGAACCAAGTTCTTGA
 CCATCTTCACCCTGGATGAGCTGCCAGGGAGGCTTCCCTCTGATGTTTATGGAGGCCTTCAGCATGAG
 ACGTTTTGAGGCCTGAAGCTGATGGTGCAGGCCTGGCCCTTCCCTCCGCCTCCCTCTGGGATCCCTGATG
 AAGACACCTCATCTGGAGACCTTGAAGCTGTCCTGAGGGGACTTATACACTGGTGGCCAGAAGGTTT
 GCCCAGGAGGTGAAACTTCAAGTGTGGATTGTCAGGATGTTGATGAGAATTTCTGGACCATATGGTC
 TGGAGCCAGGGTCTCTCTGCTCCAGAGGCCATGAGTAAGAGGCAGACAGTGGAGGACTGTCCAAGG
 ATGGGAGAGCACCAGCCCTTGAAGGTGTTTATAGACCTCTGCCTAAAGGAAAGTACTGGATGAATGCC
 TGAGCTACCTTTTGGGTGGATCCACTACAGAAGAGCCCTAGTGCACCTGTGTTGTAGTAAGGTGCAGAA
 TTAACAATGCCACTTCAAGTTTCAAGAACTATTGAAAGGATATACCCAGACAGTATCCAGGAGTTG
 GAAGTCTGAAAAAGTGCTCTCTCAATAAAACGGGAAAGTTTGCCTTACCTGAGCCAGATGAGCAATC
 TTCGTGAACCTTTTTAGCCTTCGGTTATGAGCGTGAGTTGTACGTGAGCGTCCAGTGGCCGTGCATTCC
 TGACTTGGACTCTCCATTCCTCTGCCTGTACTACCCCAAGATGCTTTATATAAAAAAGTACGTAATATC
 AAAGAGCACCTGGAGCACCTGCTCAGGTACCTCAAGAACCCTTGGGGCCTTTATATTCAGTGTGCTT
 ACCTAGCTGATCGGGACATGGAGTGTCTGTCTCAGTACCAAGCCTCAGTCAGCTAAAGGAGCTGCGTCT
 GATTCATATCCTAATGTGGACCACCAATCTTACGCCCCCTGGAGCTCTGCTAGAGAAAGTTGCTGCTACT
 CTCAGACCTCGTCTTAAAGGACTGTCGGATCCAGGACCCCAACTCAGGGTCTCTGCTGCCCTGA
 GCCACTGTTCCAGCTCACCACCTTCAACTTTCATGAAATGAGACCTCCATGAATGCTGAAAAGACCT
 GCTGCGTCACACAGTGGGCTGAGCAAGTTAGGCCTGGAGTTGTATCCTGCCCTCTGGAGAGTCTTGAC
 TACAAGGGTCATGTCAATTGGGAGATCCTACCCCAATTCGGGCTGAGCTGATGCGTACACTCAGGGAAG
 TCAGGCAGCCCAAGAGGATCTTCTTTGGTCCCCTGCCCTACCTGTGGCTCATGGCCATCTGAGAA
 AGTGGACTTCCATCTTTGCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC238434 representing NM_001291381
 Red=Cloning site Green=Tags(s)

MSLQAPSRLLELAGQSLLRNQFLTIFTLDELPREVFPLMFMEAFSMRRFEALKLMVQAWPFLRLPLGSLM
 KTPHLETLQAVLRGLDTLVAQKVRPRRWKLVLDLQDVDFWNIWISGARVLSCSPEAMSKRQTVEDCPR
 MGEHQPLKVFIDLCLKESTLDECLSYLFGWIHYRRGLVHLCSSKVNYSMPTSSFRNLLERIQYVDSIQEL
 EVWKKCSLNKTGKFPYLSQMSNLRELFLAFGYERELYVSVQWPCIPDLDSPFLCLYYPQMLYIKKISNI
 KEHLEHLLRRLKNPLGAFIFSDAYLADRMECLSQYPSLSQLKELRLIHILMWTNLQPLGALLEKVAAT
 LKTLVLRKDCRIQDPQLRVLLPALSHCSQLTTFNFHGNESMNALKDLLRHTRGLSKLGLLEYPAPLES
 LDKYGHVNWEIFLTPIRAELMRTLREVRQPKRIFFGPVPCPTCGSWPSEKVFHLC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001291381

ORF Size: 1422 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_001291381.1](#), [NP_001278310.1](#)

RefSeq Size: 1518 bp

RefSeq ORF: 1425 bp

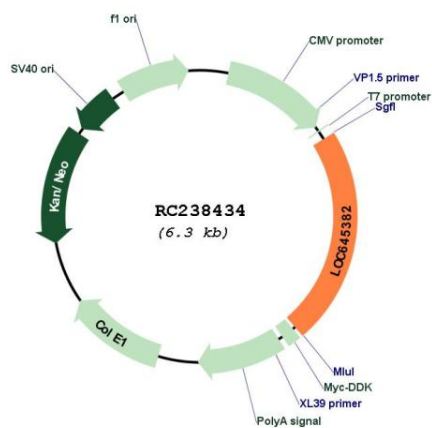
Locus ID: 645382

UniProt ID: [A0A0G2JMD5](#)

Cytogenetics: 1p36.21

MW: 55.5 kDa

Product images:



Circular map for RC238434