

Product datasheet for **RC222867**

PRAMEF6 (NM_001010889) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAMEF6 (NM_001010889) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRAMEF6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC222867 representing NM_001010889
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCATCCGGACTCCACCCAGACTCCTGGAGCTTGACAGGGCGGAGCCTGCTGAGGGACCAAGCCTTGG
 CCATGTCCACCCTGGAGGAGCTGCCACAGAACTTTTCCCCCACTGTTTCATGGAGGCCTTCAGCAGGAG
 ACGCTGTGAGGCCCTGAAGCTGATGGTGCAGGCCTGGCCCTTCCGCCGCCTCCCTCTGAGGCCTCTGATA
 AAGATGCCTTGTCTGGAGGCCTTCAAGCTGTGCTCGATGGGCTGGATGCACTGCTTACCAAGGGGTTT
 ATCCCAGGAGGTGAAACTTCAAGTGTGGATTTACAGGATGTCTGTGAGAACTTCTGGATGGTTTGGTC
 TGAAGCTATGGCCCGTGGGTGCTTCTCAATGCCAAGAGGAACAAAACACCAGTGCAGGACTGTCCAAGG
 ATGAGAGGACAGCAGCCCTTACTGTGTTCTGTAAGAACTTTGGCTCAAGAACAGGACTCTGGATGAATACC
 TCACCTGCCTCCTTCTATGGGTCAAGCAGAGGAAAGATTTACTACACCTGTGCTGTAAGAAGCTGAAAT
 TTTGGGAATGCCCTTCCGAATATCAGAAGCATCTGAAAATGGTGAACCTAGACTGTATCCAGGAGGTG
 GAAGTGAATTGCAAGTGGTACTGCCCATCTGACACAGTTTACCCCATACCTGGCCACATGAGGAATC
 TTCAGAAGCTCGTTCTCTCCACATGGATGTCTCTCGCTACGTTTCCCCAGAGCAGAAGAAGGAGATTGT
 TACCCAGTTACCACTCAGTTTCTCAAGCTGTGCTGCCTCCAAAAGCTTTCTATGAACTCTGTTTCTTTC
 CTCGAAGGCCACCTGGACCAGCTGCTCAGCTGTCTGAAGACCTCGTTAAAGGTCCTCACAATAACTAACT
 GTGTGCTTTTGGAAATCAGACTTGAAGCATCTATCCAGTCCCGAGTATCAGTCAACTAAAGACCCTGGA
 CCTGAGTGGCATCAGACTGACCAATTACAGTCTTGTGCCTCTCCAATTTCTCTAGAAAAAGTTGCAGCC
 ACCCTTGAGTACCTGGATTTAGATGACTGTGGCATCATAGACTCCAAGTCAACGCCATCTGCCTGGCC
 TGAGCCGCTGCTTTGAGCTCAACACCTTCAGCTTCTGTGAAATCCCATCTCCATGGCCACCTGGAGAA
 CCTGCTGAGCCACACAATCATACTCAAAAACCTTATGCGTGGAGCTGTATCCTGCCCCCGGAGAGTTAT
 GATGCTGATGGTACTCTCTGCTGGAGCAGATTTGCTCAAATTAGGGCTGAGCTGATGAAGAGAGTGAGGG
 ACTTAAGGCACCCCAAGAGGATCTTGTCTGTACTGACTGCTGCCTGACTGTGGCAACAGGTCAATTTTA
 TGACCTGGAGGCAGATCAATGCTGCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222867 representing NM_001010889
 Red=Cloning site Green=Tags(s)

MSIRTPPRLLELAGRSLLRDQALAMSTLEELPTELFPPLFMEAFSRRRCEALKLMVQAWPFRRPLRPLI
 KMPCLAEAFQAVLDGLDALLTQGVHPRRWKLQVLDLQDVCENFWMVWSEAMARGCFLNAKRKTPVQDCPR
 MRGQQPLTVFVELWLNRTLDEYLTCLLLWVKQRKDLLHLCKKILKILGMPFRNIRSILKMNLDLCIQEV
 EVNCKWVLPILTQFTPYLGHMRNLQKLVLSHMDVSRYSPEQKKEIVTQFTTQFLKLCCLQKLSMNSVSF
 LEGHLDQLLSCLKTSLKVLITINCYLESDLKHLSQLKTLDL SGIRLTNYSLVPLQILLEKVA
 TLEYLDLDDCGIIDSQVNAILPALSRFELNTFSFCGNPISMATLENLLSHTIILKNLCVELYPAPRESY
 DADGTLWCSRFAQIRAEMLKRVRLRHPKRILFCTDCCPCDGNRSFYDLEADQCCC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8046_c03.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001010889

ORF Size: 1428 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_001010889.2](#), [NP_001010889.1](#)

RefSeq Size: 1431 bp

RefSeq ORF: 1431 bp

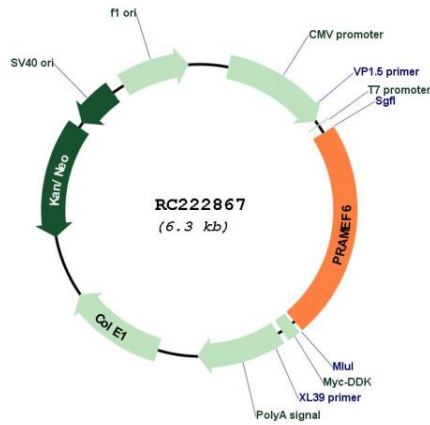
Locus ID: 440561

UniProt ID: [Q5VXH4](#)

Cytogenetics: 1p36.21

MW: 54.7 kDa

Product images:



Circular map for RC222867