

Product datasheet for **RC238463**

PRAMEF27 (NM_001300891) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAMEF27 (NM_001300891) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PRAMEF27
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC238463 representing NM_001300891
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGATGAGCATCCGACTCCACCCAGACTCCTGGAGCTTGCGGGGCGGAGCCTGCTGAGGGACCAAG
 CCTTGGCCATGTCCACCCTGGAGGAGCTGCCACAGAAGCTTTCCCCCACTGTTTCATGGAGGCCTTCAG
 CAGGAGATGCTGTGAGGCCCTGAAGCTGATGGTGAGGCCTGGCCCTTCCGCCGCTCCCTCTGAGGCCT
 CTGATAAAGATGCCTTGCTGGAGGCCTTCCAAGCTGTCTCGATGGGCTTGATGCACTGCTTACCAAG
 GGGTTTGTCCCAGGAGGTGAAACTTCAAGTCTGGATTACAGGATGTCTGTGAGAAGTCTGGATGGT
 TTGGTCTGAAGCTATGGCCGTGGGTCTTCTCAATGCCAAGAGGAACAAAACACCAAGTGCAGGACTGT
 CCAAGGATGAGAGGACAGCAGCCCTTGACTGTGTTCTGTAAGCTTTGGCTCAAGAACAGGACTCTGGATG
 AATACCTCACCTACCTCCTTCTATGGGTCAAGCAGAGGAAAGATTACTACACCTGTGCTGTAAGAAGCT
 GAAAAATTTGGGAATGCCCTTCCGAATATCAGAAGCATCCTGAAATGGTGAACCTAGACTGTATCCAG
 GAGGTGGAAGTGAATTGCAAGTGGGTACTGCCCATCCTGACACAGTTTACCCCATACCTGGGCCACATGA
 GGAATCTTCAGAAGCTCGTTCTCTCTCACATGGATGTCTCTCGCTACGTTTCCCCAGAGCAGAAGAAGGA
 GATTGTTACCCAGTTCACCACTCAGTTCCTCAAGCTGCACTGCCTCCAAAAGCTTTATATGAACTCTGTT
 TCTTCTCGAAGGCCACCTGGACCAGCTGCTCAGCTGTCTGAAGACCTCGTTAAAGGTCTCACAATAA
 CTAAGTGTGTGCTTTTGAATCAGACTTGAAGCATCTATCCAGTGCCCGAGTATCAGTCAACTAAAGAC
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 GCAGCCACCCTTGAGTACTTGGATTTAGATGACTGTGGCATCATAGACTCCCAAGTCAACGCCATCCTGC
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 AGTTATGGTGTGATGGTACTCTCTGCTGGAACAGATTTGCTCAAATTAGGGCTGAGCTGATGAACAGAG
 TGAGGGACTTAAGGCACCCCAAGAGGATCTTTTCTGTATTGATAACTGCCCTGACTGTGCAACAGGTC
 ATTTTATGACCTGGAGGCAGATCAATACTGCTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

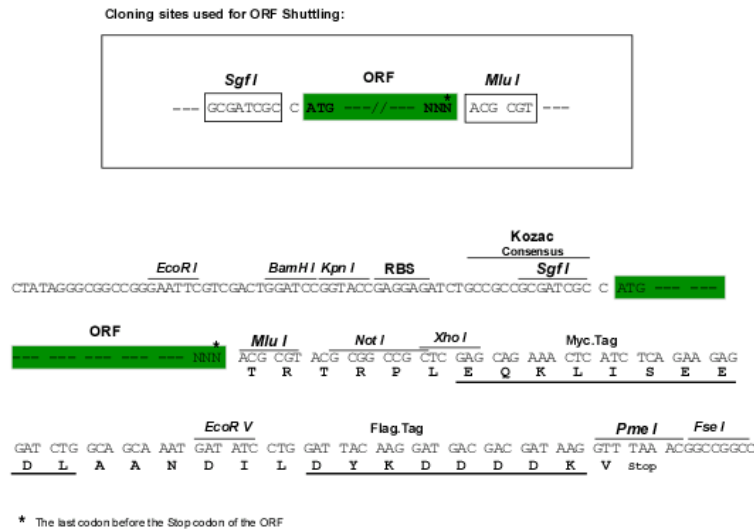
>RC238463 representing NM_001300891
 Red=Cloning site Green=Tags(s)

MKMSIRTPPRLLELAGRSLLRDQALAMSTLEELPTELPPLFMEAFSRRCEALKLMVQAWPFRRPLPLRP
 L IKMPCLEAFQAVLDGLDALLTQGVCPRRWKLQVLDLQDVCENFWMVWSEAMARGSF LNAKRNKTPVQDC
 PRMRGQQPLTVFVELWLNRTLDEYLYLLLWVKQRKDLLHLCKKLKILGMPFRNIRSILKMVNLDICIQ
 EVEVNCKWVLPILTQFTPYLGHMRNLQKLVL SHMDVSRYVSPEQKKEIVTQFTTQFLKLHCLQKLYMNSV
 SFLEGHLDQLLSCLKTSKVL TITNCVLLES DLKHL SQCP S ISQLKTL DLSGIRLTNYSLVPLQILLEKV
 AATLEYLDLDDCGIIDSQVNAILPALSRFELNAFSFCGNPISMATLENLLSHTIILKNLCVEVYPAPRE
 SYGADGTL CWNRF AQIRAE LMNRVRDLRHPKRIFFCIDNCPDCGNRSFYDLEADQYCC

TRTRPLE**QKL**ISEED**LA**AND**ILDYK**DDDD**KV**

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001300891

ORF Size: 1434 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_001300891.2](#)

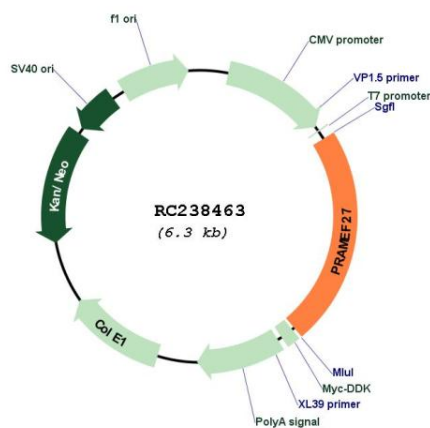
RefSeq Size: 1437 bp

RefSeq ORF: 1437 bp

Locus ID: 101929983

UniProt ID: A3QJZ7
 Cytogenetics: 1p36.21
 MW: 55.7 kDa

Product images:



Circular map for RC238463