

Product datasheet for **RG222867**

PRAMEF6 (NM_001010889) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRAMEF6 (NM_001010889) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PRAMEF6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG222867 representing NM_001010889
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCATCCGGACTCCACCCAGACTCCTGGAGCTTGCAGGGCGGAGCCTGCTGAGGGACCAAGCCTTGG
 CCATGTCCACCCTGGAGGAGCTGCCACAGAACTTTTCCCCCACTGTTTCATGGAGGCCTTCAGCAGGAG
 ACGCTGTGAGGCCTGAAGCTGATGGTGCAGGCCTGGCCCTTCCGCCGCCTCCCTCTGAGGCCTCTGATA
 AAGATGCCTTGTCTGGAGCCTTCCAAGCTGTGCTCGATGGGCTGGATGCACTGCTTACCCAAGGGGTTT
 ATCCCAGGAGGTGAAACTTCAAGTGTGGATTTACAGGATGTCTGTGAGAACTTCTGGATGGTTTGGTC
 TGAAGCTATGGCCGTGGGTGCTTCTCAATGCCAAGAGGAACAAAACACCAGTGCAGGACTGTCCAAGG
 ATGAGAGGACAGCAGCCCTTACTGTGTTCTGTAAGAACTTTGGCTCAAGAACAGGACTCTGGATGAATACC
 TCACCTGCCTCCTCTATGGGTCAAGCAGAGGAAAGATTTACTACACCTGTGCTGTAAGAAGCTGAAAT
 TTTGGGAATGCCCTTCCGAATATCAGAAGCATCTGAAAATGGTGAACCTAGACTGTATCCAGGAGGTG
 GAAGTGAATTGCAAGTGGTACTGCCCATCTGACACAGTTTACCCCATACCTGGCCACATGAGGAATC
 TTCAGAAGCTCGTTCTCTCCACATGGATGTCTCTCGCTACGTTTCCCCAGAGCAGAAGAAGGAGATTGT
 TACCCAGTTACCACTCAGTTTCTCAAGCTGTGCTGCCTCCAAAAGCTTTCTATGAACTCTGTTTCTTTC
 CTCGAAGGCCACCTGGACCAGCTGCTCAGCTGTCTGAAGACCTCGTTAAAGGTCTCACAAATAACTA
 GTGTGCTTTTGGAAATCAGACTTGAAGCATCTATCCAGTCCCGAGTATCAGTCAACTAAAGACCCTGGA
 CCTGAGTGGCATCAGACTGACCAATTACAGTCTTGTGCCTCTCCAAATTCCTAGAAAAAGTTGCAGCC
 ACCCTTGAGTACCTGGATTTAGATGACTGTGGCATCATAGACTCCAAGTCAACGCCATCCTGCCTGCC
 TGAGCCGCTGCTTGGAGCTCAACACCTTACAGTCTGTGGAAATCCCATCCATGGCCACCCTGGAGAA
 CCTGCTGAGCCACACAATCATACTCAAAAACCTTATGCGTGGAGCTGTATCCTGCCCCCGGAGAGTTAT
 GATGCTGATGGTACTCTCTGCTGGAGCAGATTTGCTCAAATTAGGGCTGAGCTGATGAAGAGAGTGAGGG
 ACTTAAGGCACCCCAAGAGGATCTTGTCTGACTGACTGCTGCCTGACTGTGGCAACAGGTCAATTTTA
 TGACCTGGAGGCAGATCAATGCTGCTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG222867 representing NM_001010889
 Red=Cloning site Green=Tags(s)

MSIRTPPRLLELAGRSLLRDQALAMSTLEELPTELPPLFMEAFSRRRCEALKLMVQAWPFRRPLRPLI
 KMPCLEAFQAVLDGLDALLTQGVHPRRWKLQVLDLQDVCENFWMVWSEAMARGCFLNAKRKTPVQDCPR
 MRGQQPLTVFVELWLNRTLDEYLTCLLLWVKQRKDLLHLCKKILGMPFRNIRSILKMVNLDCIQEV
 EVNCKWVLPILTQFTPYLGHMRNLQKLVLSHMDVSRYSPEQKKEIVTQFTTQFLKLCCLQKLSMNSVSF
 LEGHLDQLLSCLKTSLKVLITINCVLLESCLKHLSQCPISQLKTLDL SGIRLTNYSLVPLQILLEKVA
 TLEYLDLDDCGIIDSQVNAILPALSRFELNTFSFCGNPISMATLENLLSHTIILKNLCVELYPAPRESY
 DADGTLWCSRFAQIRAEMLKRVRLRHPKRILFCTDCCPCDGNRSFYDLEADQCCC

TRTRPLE - GFP Tag - V

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

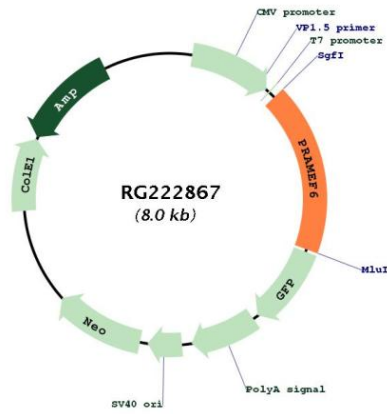
RefSeq ORF: 1431 bp

Locus ID: 440561

UniProt ID: [Q5VXH4](#)

Cytogenetics: 1p36.21

Product images:



Circular map for RG222867