

Product datasheet for **RG223442**

PRAMEF3 (NM_001013692) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	PRAMEF3
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PSI00010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG223442 representing NM_001013692
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**ACGCGTACGCGC**

ATGAGGATGAGCCTACAGGCCACGCAGACTCCTGGAGCTGGCAGGGCAGAGCCTGCTGGGGGACCAGG
CCTTGGCCATCTCCATCTTGGATGAGCTGCCAGGGAGCTCTCCCCCACTGTTCTGGAGGCCTTAC
TAGCAGACGCTGCGAGGTTCTGAAGGTGATGGTGCAGGCCTGGCCCTCCCTGCCTCCCTCTGGGGTCC
CTGATGAAGACGCCTGATCTGGAGATCTTACATTATGTAGTGGATGGGATTGATTGCCTGCTTGCCAAA
AGGTTTCGCCCCAGGAGGCGAACTTCAAGTGCTGGAATTGCGGGATGTTGATGAGAATTTTGGACCAT
ATGGTCTGGAGCCAGGCCCTGTCTGCTCCCCAGAGGCCATGAGTAAGAGGCAGACAGTGGAGGACTGT
CCAAGGACAGGAGAGAAGCAGCCCTTGAAGGTGTTTCATGGATGTTTGCCTCAAGGAAAAATTCATGGATG
AAGATCTGAGCTTCTTCTGCGGTGGGTCCAGCACAGAAGAGGTTCAGTACACCTGTGCTGTACTAAGGT
GGTGAATTATTCAATGAGCATTCTAAATTCAGAAACATATTGGAACAGTATACCCAGACAGTATCCAA
GTGTTGGAATTTGGAACATGTCTGGCCGTGTATGATAGTAGAGTTTATCCGTTACCTGAGCCAGATGA
GGAATCTTCGAAACTCTCATCTCCGATGGCTGCTGTTACCTGCTAAGCTCTGACAGCCAAGAACAGTT
AGTTGCTGAATTCAGCTCTGTGCTCCTCAGGCTGGAGTACCTCCAGATGCTTTATGTAAGAAGGGTCTGC
TTCTTCAGAGGCCACCTGGACCAGCTGATCAGGTGCCTCAGGAGCCCATGGAGACATTGGCATTAACTT
ATGGCTTCCTAGAAAAAGTGGACTTGAAATGTCTGCCCCGTACCAAGTCTCAGTCAACTGAAGCAGCT
GAATCTGAGTCATGGTCACTGCGCTTCATCCGCTTGAGCCCTCCGAGCTCTGCTAGAGAAAGTTGCT
GCCACTCTTCAGACCCTCTTCTAGTGGACTGTGGGATTCGGGACTCCAACTCAGGGTCATCCTGCCTG
CCCTGAGCTGCTGCTCAACCTCACCCTTTCTGTTTTACGGCAATGACACGTCCATGGATGGTCTGAA
GGACCTGCTGCGCCACACAGGCAGGCTGAGCAATTTGAGCCTGGAACATATCTGCCCTCGGGAGAGT
CTTGATGACAGGGTCTGTGTCATTTGAGGCTCCTCAGGCTGAGCTGATGCGTATACTGA
GGGAAGTAAGGGAGCCAAAAGGATCTTCTTGGTCCGGTGTCTGCCCTGTGTGGCACGTGCGCCAC
TGAGCAACTGGAGTTCAATTTTGTGTGGGAAGGCCTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



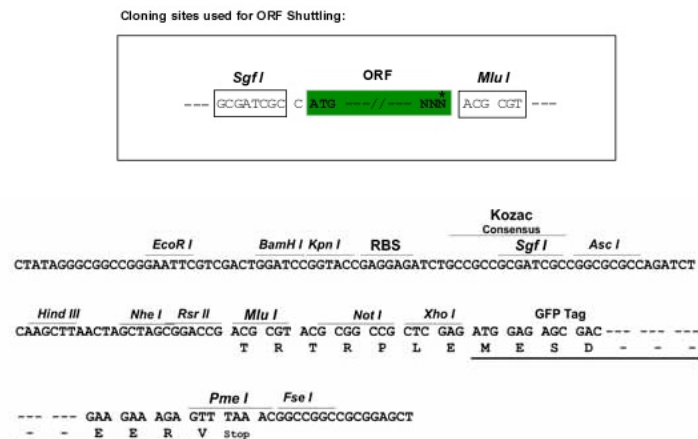
Protein Sequence: >RG223442 representing NM_001013692
 Red=Cloning site Green=Tags(s)

MRMSLQAPRRLELAGQSLGDAQALASILDELPRELFPLFVEAFTSRRCVLEKVMVQAWPFCLPLGS
 LMKTPDLEILHYVVDGIDCLLAQKVRPRRKLQVLELRDVENFTWISGARPLSCSPEAMSKRQTVEDC
 PRTGEKQPLKVFMDVCLKEKFMDLSEFFSGWVQHRRGSVHLCCCTKVNYMSILNFRNILETVYPDSIQ
 VLEIWNMCWPCMIVEFIRYLSQMRNLKLFISDGCYLLSSDSQEQLVAEFSSVLLRLEYLQMLYVRRVC
 FFRGHLDDLIRCLRSPLETLALTYGFLEKVDLKLPRYPSSLQKQLNLHGALRFIRLEPLRALLEKVA
 ATLQTLFLVDCGIRDSKLRVILPALSCSNLTTFCHGNDTSMDGLKDLLRHTGRLSNLSLETYPAPRES
 LDDGRVISELLTPLQAELMRILREVREPKRIFFGPVSCPCCGTSPTEQLEFNFLWGRPA

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001013692

ORF Size: 1443 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_001013692.1, NP_001013714.3

RefSeq Size: 2104 bp

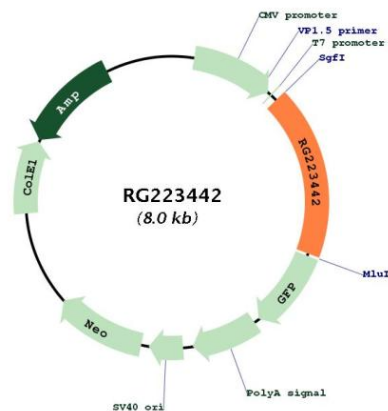
RefSeq ORF: 1445 bp

Locus ID: 401940

Cytogenetics: 1p36.21

Gene Summary: DISCONTINUED: This record has been withdrawn by NCBI. This sequence is no longer present in the current reference genome assembly.

Product images:



Circular map for RG223442