

Product datasheet for **RG215812**

PRAMEF8 (NM_001012276) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	PRAMEF8
Synonyms:	PRAMEF24
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG215812 representing NM_001012276
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGCATCAGGGCCCCACCCAGACTCCTGGAGCTGGCAAGGCAGAGGCTGCTGAGGGACCAGGCCTTGG
 CCATCTCCACCATGGAGGAGCTGCCAGGGAGCTCTCCCCACACTGTTTCATGGAGGCCTTCAGCAGGAG
 ACGCTGTGAAACCTGAAACAAATGGTGCAGGCCTGGCCTTTCACCCGCCTCCCTCTAGGGTCCCTGATG
 AAGTCGCCTCATCTGGAGTCATTAAATCTGTGCTGGAAGGGGTTGATGTGCTGTTGACCAAGAGGTTTC
 GCCCCAGGCAGTCAAACTTCAAGTCTGGACTTGAGGAATGTGGATGAGAATTCTGCGACATATTTTC
 TGGAGCTACTGCATCCTTCCCGGAGGCTCTGAGTCAGAAGCAAACAGCAGATAAATGTCCAGGGACAGGC
 AGGCAGCAGCCATTTCATGGTGTTCATAGACCTTTGTCTCAAGAACAGGACACTAGATGAATGCCTCACCC
 ACCTCTTAGAGTGGGCAAGCAGAGAAAAGGCTTACTGCATGTGTGTTGCCAGGAGCTGCAGGTTTTTGG
 AATGCCCATCCACAGTATCATAGAGTCTGAACATGGTGGAGCTTGACTGTATCCAGGAGGTGGAAGTG
 TGCTGCCCCCTGGGAGCTGCCACTCTGTGAAGTTTGCCCTTACCTGGGCCAGATGAGGAATCTCCGCA
 AACTTGTCTCTTCAACATCCGTGCATCTGCCTGCATTCCTCCAGACAACAAGGGGCAGTTCATTGCCCG
 ATTCACCTCTCAGTTCCTCAAGCTGGACTATTTCCAGAATCTGTCTATGCACTCCGTCTCTTTCCTCGAA
 GGCCACCTGGACCAGCTGCTCAGGTGTCTCCAGGCCTCCTTGGAGATGGTCGTTATGACCGACTGCCTGC
 TGTGAGAGTCGGACTTGAAGCATCTCTTGGTGCCCGAGCATCCGTCAATTAAGGAGCTGGACCTGAG
 GGGTGTCACTGACCCATTTAGCCCTGAGCCCTCAGAGTCTGCTGGAGCAAGTTGTGGCCACCCTG
 CAGACCCTGGACTTAGAGGACTGTGGGATCATGGATTCCCACTCAGCGCCATCCTGCCTGTCTGAGCC
 GCTGCTCCAGCTCAGCACCTTCAGCTTCTGTGGGAACCTCATCTCCATGGCTGCCCTTGAGAACCTGCT
 GCGCCACACGTCGGGCTGAGCAAGCTAAGCCTGGAGCTGTATCCTGCCCTCTGGAGAGTTATGACACC
 CAGGGTGCTCTGCTGGGGGAGATTTGCTGAAGTTGGGGCTGAGCTGATGAAGACACTGAGGGACTTAA
 GGCAGCCCAAGATATTGTGTCTGCACCGTCCCTGCCCTCGCTGTGGCATCAGGGCCTCCTATGACCT
 GGAGCCCAAGTCACTGCCTCTGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG215812 representing NM_001012276
 Red=Cloning site Green=Tags(s)

MSIRAPPRLLELARQRLRDQALAIISTMEELPRELFPTLFMEAFSRRRCETLKTVMQAWPFTRLPLGSLM
 KSPHLESLKSVLEGVDVLLTQEVPRQSKLQVLDLRNVDFNFCDFSGATASFPEALSQKQTADNCPGTG
 RQQPFMVFIIDLCLKNRTLDECLTHLLEWGKQRKGLLVCCQELQVFGMPIHSIIIEVLNMVELDCIQEVEV
 CCPWELSTLVKFAPYLGQMRNLRLKLVFNIRASACIPPDNKGQFIARFTSQFLKLDYFQNLMSHSVSFLE
 GHLDQLRLCLQASLEMVVMTDCLLSESDLKHLWCPSIRQLKELDLRGVTLTHFSPEPLTGLLEQVVATL
 QTLDEDCGIMDSQLSAILPVLSRCSQLSTFSFCGNLISMAALENLLRHTVGLSKLSLELYPAPLESYDT
 QGALCWGRFAELGAELMKTLRDLRQPKIIVFCTVPCPRCGIRASYDLEPSHCLC

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001012276

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_001012276.2](#)

RefSeq Size: 1844 bp

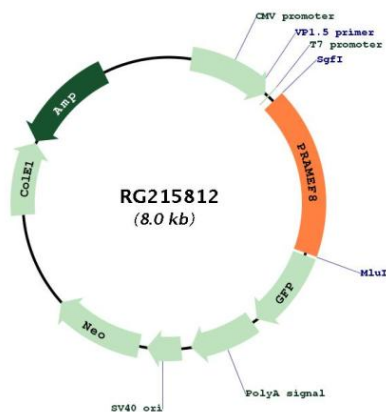
RefSeq ORF: 1425 bp

Locus ID: 391002

UniProt ID: [Q5VWM4](#)

Cytogenetics: 1p36.21

Product images:



Circular map for RG215812