

Product datasheet for **RR213785**

Prpf38a (NM_001106672) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prpf38a (NM_001106672) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prpf38a
Synonyms:	RGD1311129
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR213785 representing NM_001106672 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAACCGTACAGTGAAGGATGCCACAGCATCCATGGCACCAATCCTCAGTATCTGGTGGAGAAGA
TCATCCGGACACGAATTTATGAATCAAAGTACTGGAAAGAAGAGTGTGGACTTACAGCTGAACCTTGT
AGTCGACAAAGCCATGGAGTTGAAGTTTGTGGTGGTGTGTATGGTGGAAACATAAAGCCAACTCCATTT
CTATGTTTAACTTGAAGATGCTTCAGATTCAACCTGAAAAGATATCATTGTTGAGTTCATAAAAAATG
AAGATTTCAAGTATGTCGGATGTTAGGGGCCCTTTATATGAGGCTGACAGGAAGTCAATTGATTGCTA
CAAGTACTTGGAGCCTTTGTACAATGACTACCGAAAAATCAAGAGCCAGAACAGAAATGGAGAGTTTGA
CTGATGCATGTAGATGAGTTCATTGATGAACTACTGCACAGTGAAGGAGTCTGTGATATCATTGTCCTC
GGCTACAGAAACGGTATGTGCTGGAGGAAGCTGAGCAGCTGGAGCCTCGAGTCAGCGCTCTAGAAGAGGA
CATGGATGACGTGGAGTCTAGTGAGGAAGAAGAGGAGGAAGATGAGAAGTTGGAAAGAGTACCATCACCT
GACCACCGACGAAGAAGCTACCGAGACTTGGACAAGCCAAGACGCTCACCTGCACTGCGCTACAGGAGGA
GCCGGAGCCGTTCTCCAGAAGCGGAGTATCTCCTAAAAGAAGAAGTCTTCTCCTCGACGAGAAAG
GCATAGGAGCAAGAGTCCACGACGCCATCGAAGCAGGTCCAGAGACAGACGACACAGATCCGCTCTAAA
TCCCCAGTCAACCGTAGTCACAGACATAGAAGCCACTCAAAGTCTCCTGAAAGGTCTAAAAAGAGCC
ACAAGAAGAGCCGGAGAGGAAATGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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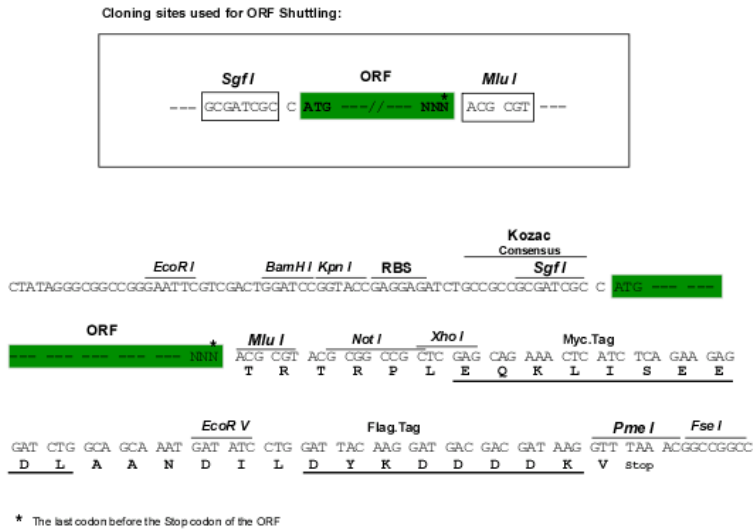
Protein Sequence: >RR213785 representing NM_001106672
Red=Cloning site Green=Tags(s)

MANRTVKDAHSIHGTNPQYLVEKIIRTRIYESKYWKEECFGLT AELVVDKAMELK FVGGVYGGNIKPTPF
 LCLTLKMLQIQEKDII VEFIKNEDFKYV RMLGALYMRLTGTAIDCYKYLEPL YNDYRKIKSQNRNGEFE
 LMHVDEFIDELLHSERVCDIILPRLQKRYVLEEAEQLEPRVSALEEDMDDVESSEEEEEDEKLERVPS
 DHRRRSYRDLKPRRSPALRYRRSRSPRRSRSPKRRSPSPRRERHRKSPRRHRSRSRDRRHRSRK
 SPGHRSHRHRSHKSPERSKSHKKSRRGNE

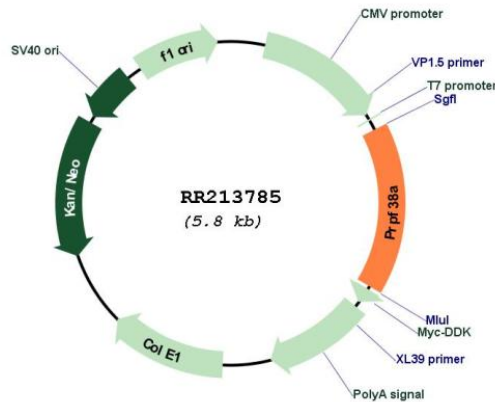
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001106672

ORF Size: 936 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:	<ol style="list-style-type: none"> 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_001106672.1 , NP_001100142.1
RefSeq Size:	1656 bp
RefSeq ORF:	939 bp
Locus ID:	298374
Cytogenetics:	5q34
MW:	37.4 kDa