

Product datasheet for RN201848

Prpf18 (NM_138523) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Prpf18 (NM_138523) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Prpf18
 Synonyms: Pprf18
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN201848 representing NM_138523
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACATCCTGAAGTCAGAGATTCTGCGGAAGCGGCAGCTGGTGGAGGACAGGAACCTGCTGGTGGAAA
 ATAAAAAGTACTTCAAGCGGAGTGAACCTGCAAAAAAGGAAGAGGAAGCTTATTTTGAAGATGTGGCTA
 CAAGGTACAGCCAAAAGAGGATGACCAGAAACCACTAACGTCATCAAATCCAGTCTGGAACCTGAACTA
 GCAGAGGAAAAGCTTCTATGACTCTTTCTAGGCAAGAGGTCATCAGAAGACTGAGAGAGAGAGGAGAGC
 CAATGAGGCTGTTTGGGAAACTGACTATGATGCTTTCCAGCGTTAAGAAAAATAGAGATTCTCACACC
 AGAAGTTAACAAGGGCTTAAGGAATGACCTAAAAGCGGCTCTGGACAAGATTGACCAGCAGTACTTGAAT
 GAAATCGTGGGTGGTCAGGAACCTGGAGAGGAGGACACACAGAATGATCTGAAGTTTACAGGAAAACA
 CCACCATTGAGGAGTTAGAGGCACTGGGGGAGTCTTAGGGAAAGGTGACGATCACAAGGACATGGACAT
 CATCACCAGTTCCTGAAGTTTCTTCTGGTGTGGGCTAAAGAATTGAATCCAGAGAGGATTACGTG
 AAACGCAGCGTGCAGGGCAAACCTGAACAGTGTACCCAGAAGCAGACCGAGTCTACCTCAGACCACTTT
 TCAGAAAGCTCCGAAAAGGAATCTTCTGCTGATTAAGAATCAATAACAGATATTATTAAGTTCAT
 GCTACAGAGAGTACGTGAAGGCGAATGACGCTTACCTCAGATGGCCATTGGCAATGCTCCCTGGCCT
 ATTGGTGTCACTATGGTCGGCATCCACGCCAGAAGTGGCAGGAAAAGATTTTTCGAAGCATGTTGCC
 ATGTCTTAAATGATGAAACCCAACGAAAATACATTCAGGGACTGAAGAGGTTAATGACAACTGCCAGAA
 GCACTTCTACAGACCCGTCGAAGTGTGGAGTACAATGCACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_138523
Insert Size:	1029 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_138523.2 , NP_612532.1
RefSeq Size:	5428 bp
RefSeq ORF:	1029 bp
Locus ID:	171552
UniProt ID:	Q9JKB8
Cytogenetics:	17q12.3
Gene Summary:	reduces K(+) current of G protein-activated GIRK1/4 , inward rectifier IRK1, and voltage-dependent K(V)1.1/K(V)beta1.1 K(+) channels [RGD, Feb 2006]