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Product datasheet for RN209785

Ppp1r9a (NM_053473) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ppp1r9a (NM_053473) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ppp1r9a
Synonyms:	Neb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN209785 representing NM_053473 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTTGAAAGCTGAATCTTCAGGTGAACGAACCACTCTCAGAAGTGCCTCTCCTCACAGGAATGCATACA GAACTGAGTTCCAGGCACTGAAAAGTACTTTTGACAAACCCAAACCTGATGGGGAACAGAAAACGAAAGA AGGTGAGGGCTCCCAGCAGAGTAGGGGTAGGAAGTATGGCTCCAATGTCAACAGAATTAAGAACCTGTTC ATGCAGATGGGTATGGAACCCAACGAGAATGCTGCTATCATTGCCAAAACGAGAGGGAAAGGTAGGCCCT CATCCCCTCAGAAGAGGATGAAGCCCAAAGAATTTGTGGAGAAAACCGATGGCTCAGTGGTTAAACTGGA GTCCTCTGTCTCTGAACGGATTAGCAGATTTGACACAATGCACGATGGCCCTTCGTATGCTAAGTTCACA GAGACTCGAAAGATGTTTGAGAGAAGTGGGCATGAGTCAGGGCAAAATAATCGCCATTCCCCAAAGAAAG AGAAAGCGGGAGAGGCTGAGCCACAGGATGAGTGGGGTGGCTCCAAGTCCAATAGAGGCAGCAGTGATTC CTTGGACAGCCTGAGCCCTCGGACGGAGGCTGTCTCTCCAACTGTGAGCCAACTGAGTGCCGTGTTTGAG AACAGTGAGTCTCCAGGTGCCATCACTCCTGGGAAGGCTGAGAACAGCAACTACTCGGTGACTGGGCATT ACCCCCTGAACTTACCATCTGTTACCGTAACCAATCTGGATACCTTTGGCCGTCTCAAGGATTCTAATTC AAGGCCTTCTTCAAACAAACAAGCTACCGACACAGAAGAGCCTGAGAAGAGTGAGGCTGTGCCAGTACCG GAAGTGGCTCAGAAAGGTACCTCTTTAGCTTCATTGCCTAGTGAAGAGAGACAGCTGAGCACGGAAGCTG AGGACGTCACAGCTCAACCAGACACTCCGGACAGCACTGATAAAGACAGTCCTGGAGAACCTTCTGCTGA AAGCCAGGCAATGCCCAAGTCTAACACCCTCTCCCGACCGAAGGAGCCGTTAGAAGATGCTGAAGCTAAT GTGGTCGGGAGTGAGGCAGAGCAGCCACAGAGGAGAGACCTGACAGGTGGTGGTGACCTCACCTCCCCGG ACGCGTCTGCTTCCAGCTGTGGGAAAGAAGTACCTGAAGACTCGAACAGTTTTGAGGGCTCCCATGTATA CATGCATAGTGACTATAACGTGTATCGGGTGAGATCCAGGTATAACTCGGACTGGGGAGAGACGGGCACA GAGCAGGATGAGGGGGACGACAGCGATGAGAACAATTACTATCAGCCCGATATGGAGTACTCGGAAATTG TTGGCTTGCCGCAAGAGGAAGAAATCCCAGCAAATAGGAAAATTAAGTTTAGTTGTGCTCCGATTAAGGT TTTCAACACGTACTCCAATGAAGACTATGACAGGAGGAATGATGACGTTGACCCTGTGGCTGCATCTGCT GAGTACGAACTTGAAAAGCGAGTAGAAAAGCTGGAACTTTTCCCAGTGGAACTGGAGAAAGATGAGGATG

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GGCTTGGCATAAGCATTATTGGAATGGGCGTTGGTGCTGATGCTGGACTGGAGAAGCTGGGGATATTCGT
CAAGACAGTGACTGAAGGAGGTGCTGCTCAGCGGGATGGCAGGATCCAAGTCAATGACCAGATTGTGGAA
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ATGTCTCTCGAGAAGGCTCGCAAGGCCCAGGAGAAAATGGAAAAACAAAGAGAAAAGCTGAGGAGGAAGG
AACAAGAGCAAATGCAGAGGAAGTCTAAAAAGTCGGAAAAGATGACTTCCACAACCGAGCAACCGTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_053473

Insert Size: 3288 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:
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_053473.2, NP_445925.1

RefSeq Size:	3846 bp
RefSeq ORF:	3288 bp
Locus ID:	84685
UniProt ID:	O35867
Cytogenetics:	4q13
Gene Summary:	binds to protein phosphatase type I and to actin filaments; involved in regulation of synaptic transmission [RGD, Feb 2006]