

Product datasheet for RN212097

PPP2R2A (NM_053999) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PPP2R2A (NM_053999) Rat Untagged Clone
Tag:	Tag Free
Symbol:	PPP2R2A
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212097 representing NM_053999 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGGAGCTGGAGGAGGAATGATATTCAATGGTGTTTTTCTCAGGTGAAAGGAGCAGTTGATGATG
ACGTAGCAGAAGCAGATATAATTTCTACAGTAGAGTTAATCATTCTGGAGAATTACTAGCCACAGGAGA
TAAAGGTGGGAGAGTCGTCATCTTTCAACAAGAGCAGGAGAACAAAATCCAGTCTCATAGCAGAGGAGAA
TACAATGTTTACAGCACCTTCCAGAGCCATGAGCCAGAATTTGACTACTTGAAAAGCTTAGAAAATAGAAG
AGAAGATCAACAAAATTAGGTGTTACCCAGAAAATGCTGCCAGTTTTTATTGTCTACCAATGATAA
AACAAATAAATATGAAAATCAGTGAAAGAGACAAAAGACCAGAAGGCTATAACTTGAAAGAGGAAGAT
GGAAGGTATAGAGACCCTACTACAGTCACTACACTACGAGTGCCGGTGTTAGGCCCATGGATCTAATGG
TGGAGGCCAGTCCGCGGAGAATATTTGCCAACGCCATACCTACCACATCAACTCCATTTCTATCAATAG
TGATTATGAAACCTACTTATCAGCAGATGATTTGCGAATTAATCTCTGGCATCTGAAAATTACAGACAGG
AGTTTTAATATTGTGGACATTAAGCCTGCCAATATGGAGGAGCTCACGGAGGTGATCACAGCCGAGAGT
TCCATCCCAACAGCTGTAAACAGTGTGTACAGCAGCAGTAAAGGGACCATTGCTTATGTGACATGAG
GGCATCTGCACTCTGTGACAGGCATTCTAACTGTTTGAAGAACC GAAGATCCCAGCAACAGGTCGTTT
TTTTCTGAAATCATCTCCTCAATTTCTGATGTAATAATTCAGCCACAGTGGTTCGCTATATGATGACTAGAG
ACTATTTGTCAAGTCAAAGTTTGGGACTTGAATATGAAAACAGGCCCGTGGAGACATACCAGGTACACGA
ATACCTCAGAAGTAACTTTGCTCACTGTATGAAAACGACTGCATATTTGACAAATTTGAATGTTGTTGG
AATGGGTCTGACAGTGTGTGATGACTGGATCTACAATAATTTCTCAGAAATGTTTCGACAGGAACACAA
AGCGGGATATAACTCTAGAAGCATCGCGAGAAAACAATAAGCCTCGTACAGTTTTGAAAACCGCAAAGT
CTGTGCAAGTGGCAAGCGAAAAGAAAGATGAAATAAGTGTGACAGTCTAGACTTCAACAAGAAAATCCTT
CATACAGCCTGGCATCCCAAGGAAAACATCATTGCTGTAGCGACTACAAACAATCTGTATATATTTCAAG
ACAAAGTGAATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053999
Insert Size:	1344 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:	<u>NM_053999.2</u> , <u>NP_446451.1</u>
RefSeq Size:	2374 bp
RefSeq ORF:	1344 bp
Locus ID:	117104
UniProt ID:	<u>P36876</u>
Cytogenetics:	15p12
Gene Summary:	human homolog forms a complex with cyclin G2 that may inhibit cell cycle progression [RGD, Feb 2006]