

Product datasheet for RN217729

Ralgapa1 (NM_020083) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ralgapa1 (NM_020083) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ralgapa1
Synonyms:	Garn1; GRIPE; p240; Tulip1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN217729 representing NM_020083 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCTCTAAGAAGCCGCACGGGGACGTGAAGAAGTCCACCCAGAAGGTGCTGGACACCAAGAAGGACG
CGCTGACCCGCCCTCAAGCACCTGCGCATCGTCATCGAGAATGCAGACTCTATTGACCTTAAACAGTTCTT
TGACCAGCATTTTTACATATATACTATGTGTTTTTTGAAAATTTGTGACTATTGAAGCCAGTCTTAAA
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CCACAGAACAAAATATTCAAGCTGGTACTCAGGCTGTTTTACAGGTGTTTCATTATAAACTCATCAAACAT
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 AAGAGAAACCAGAAGAGCCTCCTACATCTAATGAATGCTTAGAAGACATAACAGTAAAAGATGGACTTTC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_020083
Insert Size:	6108 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_020083.3</u> , <u>NP_064468.3</u>
RefSeq Size:	7476 bp
RefSeq ORF:	6108 bp
Locus ID:	56785
UniProt ID:	<u>O55007</u>
Cytogenetics:	6q23

Gene Summary: mouse homolog interacts with the HLH region of E12 and may be involved in neuronal differentiation [RGD, Feb 2006]