

Product datasheet for RN205930

Grina (NM_153308) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Grina (NM_153308) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Grina
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205930 representing NM_153308 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCCATGAAAAGAGTTTCTTGGTGTCTGGGACAGCTATCCTCCCCAAACCTGGCTATCCTGTGG
 GGCCACAAGCCCCATGCCTCCCTATGTTACAGCTCCCTACCTGGGGCCCCATACCCACAGGCCGCTTT
 CCAGCCCTCTCCCTATGGTCAACCAGGGTATCCCATGGTCCCGGTCCCTATCCACAAGGTGTTACCT
 CAAGGACCCTACCCTCAAGGAGGCTACCCACAGGGGCCATACCCACAGAGCCCCCTCCCCCTAACCCT
 ATGGACAGCCACCACCCTCCAGGACCCTGGCTCACCTCAGCATGGGAATACCAGGAGGAAGGGCCTCC
 ATCCTACTATGACAACCAGGACTTCCCCTCGGTCAACTGGGACAAGAGCATTCCGCCAGGCCTTCATCCGA
 AAGGTGTTCTGTGCTGACCCTGCAGCTGTCGGTAACCCTGTCGACTGTGGCCATTTTCACTTTTGTCTG
 GGGAGGTGAAGGGCTTTGTCCGGGCCAATGTCTGGACCTACTATGTCTCTACGCCATCTTCTTCATCTC
 CCTCATTGTCCTCAGCTGTTGCGGGGACTTCCGGCGAAAGCATCCCTGGAACCTTGTTGCCCTGTCGATC
 CTGACCATCAGTTTGTCTACATGGTGGGCATGATAGCCAGTTTTTACAACACGGAGGCGGTACATATGG
 CCGTGGGCATCACCACAGCTGTCTGCTTACGGTGGTTCATCTTCCATGCAGACCCGCTACGACTTCAC
 CTCGTGCATGGGCGTGCTCCTGGTGAGCGTGGTGGTCTTTCATCTTCCGCTACTCTGCATCTTCATC
 CGGAACCGCATCCTGGAGATCGTGTACGCTCGCTGGGCGCTCTGCTCTTACCTGCTTCTGGCTGTGG
 ACACCCAGCTGCTCCTGGGGAACAAGCAACTGTCCCTGAGCCCAGAAGAATATGTGTTTGCGGCCCTGAA
 TCTGTACACGGACATCATCAACATCTTCTATACATTCTACCATCATTGGCCGTGCCAAGGAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_153308


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Insert Size:	1047 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:	<u>NM_153308.4</u> , <u>NP_695220.4</u>
RefSeq Size:	1797 bp
RefSeq ORF:	1047 bp
Locus ID:	266668
UniProt ID:	<u>Q6P6R0</u>
Cytogenetics:	7q34
Gene Summary:	subunit of the N-methyl-D-aspartate receptor; activation leads to opening of a cation selective channel [RGD, Feb 2006]