

Product datasheet for **SC324623**

GRINA (NM_000837) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GRINA (NM_000837) Human Untagged Clone
Tag:	Tag Free
Symbol:	GRINA
Synonyms:	HNRGW; LFG1; NMDARA1; TMBIM3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_000837.1
 TGAGCGGCCGCCGAGCGGGTGC GGGTGCGGGCGCATCGGCCATCACCGCGCGGCCGCGCA
 GCGGACACCGTGCGTACCGGCCTGCGGCGCCCGGCCACCGGGGCGGACCGCGGAACCCGA
 GGCTATGTCCCATGAAAAGATTTTTGGTGTCTGGGGACAACATCCTCCCCCAACCC
 TGGATATCCGGGGGGGCCAGCCACCCATGCCCCCTATGCTCAGCCTCCCTACCCTGG
 GGCCCCTACCCACAGCCCCCTTCCAGCCCTCCCCCTACGGTCAGCCAGGGTACCCCA
 TGGCCCCAGCCCCCTACCCCAAGGGGGCTACCCACAGGGTCCCTACCCCAAGGGGGCTA
 CCCACAGGGGCCCTACCCACAAGAGGGGTACCCACAGGGGCCCTACCCCAAGGGGGCTA
 CCCCCAGGGGCCATATCCCCAGAACCCTTCCCCCAACCCCTATGGACAGCCACAGGT
 CTTCCAGGACAAGACCCTGACTCACCCAGCATGAAACTACCAGGAGGAGGGTCCCCC
 ATCCTACTATGACAACCAGGACTTCCCTGCCACCAACTGGGATGACAAGAGCATCCGACA
 GGCCTTCATCCGCAAGGTGTTCTAGTGCTGACCTTGACGCTGTCGGTGACCCTGTCCAC
 GGTGTCTGTGTTCACTTTTGTTCGGGAGGTGAAGGGCTTGTCCGGGAGAATGTCTGGAC
 CTAATATGTCTCCTATGCTGTCTTTCATCTCTCATCGTCCCTCAGCTGTTGTGGGA
 CTTCCGGGAAAGCACCCCTGGAACCTTGTGACTGTCCGTCCGACCCGAGCCTGTC
 GTACATGGTGGGATGATCGCCAGCTTCTACAACACCGAGGCAGTCATCATGGCCGTGGG
 CATCACACAGCCGTCTGCTTACCGTCGTCTCTTCCATGCAGACCCGCTACGACTT
 CACCTCATGCATGGGCGTCTCCTGGTGAGCATGGTGGTCTTTCATCTTCGCCATTCT
 CTGCATCTTATCCGGAACCGCATCCTGGAGATCGTGTACGCCTCACTGGGCGCTCTGCT
 CTTACCTGCTTCTCGCAGTGGACACCCAGCTGCTGCTGGGGAACAAGCAGCTGTCCCT
 GAGCCCAGAAGAGTATGTGTTGCTGCGCTGAACCTGTACACAGACATCATCAACATCTT
 CCTGTACATCCTACCATCATTGGCCGCGCCAAGGAGTAGCCGAGCTCCAGCTCGCTGTG
 CCCGCTCAGGTGGCAGCGCTGGCCTGGACCCTGCCCTGGCAGGCAGTGCCAGCTGTAC
 TTCCCCTCTCTTGTCCCCAGGCACAGCCTAGGGAAAAGGATGCCTCTCTCCAACCCCTC
 CTGTATGTACTGACAGATACTTCCATTTGACCCGCTGTGGCCACAGCATGGCCCTTT
 AGTCTCCCGCCCCGCCAAGGGGCACCAAGGCCACGTTTCCGTGCCACCTCCTGTCTAC
 TCATTGTTGCATGAGCCCTGTCTGCCAGCCACCCAGGGACTGGGGGCAGCACCAGGTC
 CCGGGGAGAGGGATTGAGCCAAGAGGTGAGGGTGCACGCTTCCCTCCTGTCCCAGCTCC
 CCAGCCTGGCGTAGAGCACCCCTCCCCTCCCCCAACCCCTGGAGTGTGCCCTCTGG
 GGACATGCGGAGTGGGGTCTTATCCCTGTGCTGAGCCCTGAGGGCAGAGAGGATGGCAT
 GTTTCAGGGGAGGGGAAGCCTTCTCTCAATTTGTTGTCAGTGAATTC AATAAATGG
 GATTTGCTCTCTCGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_000837
- 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:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
- 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_000837.1 , NP_000828.1
RefSeq Size:	1986 bp
RefSeq ORF:	1116 bp
Locus ID:	2907
UniProt ID:	Q7Z429
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Potential apoptotic regulator.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript. Variants 1 and 2 both encode the same protein.