

Product datasheet for **SC213351**

NMDAR1 (GRIN1) (NM_007327) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NMDAR1 (GRIN1) (NM_007327) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GRIN1
Synonyms: GluN1; MRD8; NDHMSD; NDHMSR; NMD-R1; NMDA1; NMDAR1; NR1
ACCN: NM_007327
Insert Size: 1259 bp
Insert Sequence: >SC213351 3'UTR clone of NM_007327
 The sequence shown below is from the reference sequence of NM_007327. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGCTGTGTTCCCGTCATAGGGAGAGCTGAGACTCCCCGCCCGCCCTCCTCTGCCCCCTCCCCCGCAGA
CAGACAGACAGACGGACGGGACAGCGGCCCGCCACGCAGAGCCCGGAGCACCACGGGGTCGGGGGA
GGAGCACCCACAGCCTCCCCAGGCTGCGCCTGCCCGCCCGCGGTTGGCCGGCTGGCCGTTCCACCCC
GTCCCGGCCCGCGCGTGCSCCAGCGTGGGGCTAACGGGCGCCTTGCTGTGTATTTCTATTTTGCAG
CAGTACCATCCCCTGATATCACGGGCCGCTCAACCTCTCAGATCCCTCGGTCAGCACCCTGGTGTGA
GGCCCCGGAGGCGCCACCTGCCAGTTAGCCCGGCCAAGGACACTGATGGGTCTGCTGCTCGGGAA
GGCCTGAGGGAAGCCACCCGCCAGAGACTGCCACCTGGGCTCCCGTCCGTCGGCCGCCACC
CCGCTGCCTGGCGGCAGCCCTGCTGGACCAAGGTGCGGACCGGAGCGGCTGAGGACGGGGCAGAGCT
GAGTCGGCTGGGAGGGCCGAGGGCGCTCCGGCAGAGGACGGCCCTGGGTCTCTGAGCAGTGGGGA
GCGGGGGCTAACTGGCCCCAGGCGGAGGGGCTTGAGCAGAGACGGCAGCCCATCCTTCCCGCAGCAC
CAGCCTGAGCCACAGTGGGGCCATGGCCCCAGCTGGCTGGGTGCGCCCTCCTCGGGCGCCTGCGCTCC
TCTGCAGCCTGAGCTCCACCTCCCTTCTTTCGCGCACCGCCACCCACACCCCGTCTGCCCTTGA
CCCCACACGCGGGGCTGGCCCTGCCCTCCCCACGGCCGTCCCTGACTTCCCAGCTGGCAGCGCCTCC
CGCCGCTCGGGCCGCTCCTCCAGACTCGAGAGGGGTGAGCCCTCCTCTCCTCGTCCGGCCTGCAGC
CCAGAACGGGCTCCCCGGGGTCCCCGGACGCTGGCTCGGGACTGTCTTCAACCTGCCCTGCACCTT
GGGCACGGGAGAGCGCCACCCGCCCGCCCGCCCTCGCTCCGGGTGCGTGACCGGCCCGCCACCTTGT
ACAGAACCAGCACTCCCAGGGCCGAGCGCGTGCCTTCCCGTGGGCGCCGTGCGCAGCCCGCCTGCG
CCCTCCGTCCCCAGGGTGCAGGCGCGCACCGCCCAACCCCACTCCCGGTGTATGCAGTGGTGTATGCC
TAAAGGAATGTCACGCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_007327.4
Summary:	The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]
Locus ID:	2902
MW:	43.7