

Product datasheet for SC213352

NMDAR1 (GRIN1) (NM_021569) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: NMDAR1 (GRIN1) (NM_021569) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: GRIN1
Synonyms: GluN1; MRD8; NDHMSD; NDHMSR; NMD-R1; NMDA1; NMDAR1; NR1
ACCN: NM_021569
Insert Size: 1259 bp
Insert Sequence: >SC213352 3'UTR clone of NM_021569
 The sequence shown below is from the reference sequence of NM_021569. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
CAGCTGTGTTCCCGTCATAGGGAGAGCTTGAGACTCCCCGCCGCCCTCCTCTGCCCCCTCCCCCGCAGA
CAGACAGACAGACGGACGGGACAGCGGCCCGGCCACGCAGAGCCCGGAGCACCACGGGGTCGGGGGA
GGAGCACCCCCAGCCTCCCCAGGCTGCGCCTGCCCGCCCGCGGTTGGCCGGCTGGCCGGTCCACCCC
GTCCCGGCCCGCGCGTGCCCCAGCGTGGGGCTAACGGGCGCCTTGCTGTGTATTTCTATTTTGCAG
CAGTACCATCCCCTGATATCACGGGCCGCTCAACCTCTCAGATCCCTCGGTACGACCCGTGGTGTGA
GGCCCCGGAGGCGCCACCTGCCAGTTAGCCCGGCCAAGGACACTGATGGGTCTGCTGCTCGGGAA
GGCCTGAGGGAAGCCACCCGCCAGAGACTGCCACCCTGGGCTCCCGTCCGTCGGCCGCCACC
CCGCTGCCTGGCGGGCAGCCCTGCTGGACCAAGGTGCGGACCGGAGCGGCTGAGGACGGGGCAGAGCT
GAGTCGGCTGGGAGGGCCGAGGGCGCTCCGGCAGAGGACGGGCCCTGGGTCTCTGAGCAGTGGGGA
GCGGGGGCTAACTGGCCCAGGGCGAGGGGCTTGAGCAGAGACGGCAGCCCATCTTCCCGCAGCAC
CAGCCTGAGCCACAGTGGGGCCATGGCCCCAGCTGGCTGGGTGCCCCCTCTCGGGCGCCTGCGCTCC
TCTGCAGCTGAGCTCCACCCTCCCTTCTTTCGCGCACCGCCACCCACACCCCGTCTGCCCTTGA
CCCCACACGCGGGGCTGGCCCTGCCCTCCCCACGGCCGTCCCTGACTTCCCAGCTGGCAGCGCCTCC
CGCCGCTCGGGCCGCTCCTCCAGACTCGAGAGGGCTGAGCCCTCCTCTCCTCGTCCGGCCTGCAGC
CCAGAACGGGCTCCCCGGGGTCCCCGGACGCTGGCTCGGGACTGTCTTCAACCTGCCCTGCACCTT
GGGCACGGGAGAGCGCCACCCGCCGCCCGCCCTCGCTCCGGGTGCGTGACCGGCCGCCACCTTGT
ACAGAACCAGCACTCCCAGGGCCGAGCGCGTGCCTTCCCGTGGGCGCGTGCCAGCCCGCGCTGCG
CCCTCCGTCCCCAGGGTGACGGCGGCACCGCCCAACCCCACTCCCGGTGTATGCAGTGGTGTATGCC
TAAAGGAATGTCACGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
```

Restriction Sites: SgfI-MluI



[View online >](#)

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:	<u>NM_021569.4</u>
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