

## Product datasheet for **SC211050**

### NMDAR1 (GRIN1) (NM\_000832) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NMDAR1 (GRIN1) (NM\_000832) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** GRIN1  
**Synonyms:** GluN1; MRD8; NDHMSD; NDHMSR; NMD-R1; NMDA1; NMDAR1; NR1  
**ACCN:** NM\_000832  
**Insert Size:** 944 bp  
**Insert Sequence:** >SC211050 3'UTR clone of NM\_000832  
 The sequence shown below is from the reference sequence of NM\_000832. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGATCCCTCGGTCAGCACCGTGGTGTAGGCCCGGAGGCGCCACCTGCCAGTTAGCCCGGCCA
AGGACACTGATGGGTCTGTGCTCGGGAAGGCTGAGGGAAGCCACCCGCCAGAGACTGCCACC
CTGGGCCTCCCGTCCGTCCGCCCCGCCACCCCGCTGCCTGGCGGGCAGCCCTGCTGGACCAAGGTGCG
GACCGGAGCGGCTGAGGACGGGGCAGAGCTGAGTCGGCTGGGCAGGGCCGAGGGCGCTCCGGCAGAGG
CAGGGCCCTGGGGTCTCTGAGCAGTGGGGAGCGGGGGCTAACTGGCCCCAGGCGGAGGGGCTTGGAGCA
GAGACGGCAGCCCATCCTTCCCGCAGCACCGCTGAGCCACAGTGGGGCCATGGCCCCAGCTGGCT
GGGTCGCCCTCCTCGGGCGCTGCGCTCCTTGACGCTGAGCTCCACCCTCCCTCTTCTTGGCGCA
CCGCCACCCACACCCCGTCTGCCCTTGACCCACACGCGGGGCTGGCCCTGCCCTCCCCACGGCC
GTCCCTGACTTCCAGCTGGCAGCGCTCCCGCCGCTCGGGCCGCTCCTCCAGACTCGAGAGGGCTG
AGCCCCTCCTCTCCTCGTCCGGCTGCAGCCAGAACGGGCTCCCGGGGGTCCCGGACGCTGGCTC
GGGACTGTCTTAACCTGCCCTGCACCTTGGGCACGGGAGAGGCCACCCGCCCGCCCGCCCTCGC
TCCGGGTGCGTGACCGGCCCGCCACCTGTACAGAACCAGCACTCCAGGGCCCGAGCGCGTGCCTTCC
CCGTGGCGCCCGTGGCAGCCGCGCTCTGCCCTCCGTCCCAGGGTGCAGGCGCGCACCGCCCAACCC
CCACCTCCCGGTGATGTCAGTGGTATGCCTAAAGGAATGTCACGCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:**

SgfI-MluI

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_000832.7</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	2902
<b>MW:</b>	32.2