

## Product datasheet for SC211770

### Glutamate receptor ionotropic, NMDA 2D (GRIN2D) (NM\_000836) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Glutamate receptor ionotropic, NMDA 2D (GRIN2D) (NM_000836) Human 3' UTR Clone
Symbol:	Glutamate receptor ionotropic, NMDA 2D
Synonyms:	DEE46; EB11; EIEE46; GluN2D; NMDAR2D; NR2D
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000836
Insert Size:	1024 bp
Insert Sequence:	<p>&gt;SC211770 3'UTR clone of NM_000836</p> <p>The sequence shown below is from the reference sequence of NM_000836. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
CACTTCTCTAGCCTCGAGTCCGAGGTATGACCGCGGCCCGGGGGCCCCACCGCCCCCTTGGTCAGCGCA
GGCCACGCCCCGAGGGGGCGCCCGCAGTGGACAGGACCCGCGTGGGTTGGGAAGGAAAGCAGTGGAAC
GGCCGGACCCCGCTGGAGCAGCGTCCTGCGCCCCCTGGTTCTGGAGGAACCGCAAGCCGGAGAGGATT
TGGTCCCTCAACTATCACCCAGCCTGAGAACGAGGGGGCGGGGGCCTTGGAGCCACCGGACTTTTTTT
TAAACCCGACAAGGGCTTTTAAACGTCAACAGATGGGGCGGGAGGTGGGGGGTTACGCCACTCCCGCG
TCCACCTCCACGCCCGGGCCGTGGCCCCACATCACTGTGCAGCTCCCGGCCCGAGCCGCGCTCC
GGGGAAGCCCGTTTTTAACCTTTTCATCCATTGGGACTCAAACTGTGAGACGCGTTGCCAAACTGTGA
CCCCAGACCTTGGCCCCGCCACAGAAACCCCTGACCCAGACTGTGACATCCGACTCCTAAATGGTC
ATCCGACTCCAGACTGTGACCCCTGACCCAACTGTGACCCGAACCCAGACTGTGCCCGACACAGAC
TGTGACCCTTGACATCAAACCGTGACACCCCTCCTCCTTCCACCCTCGGTCGCTTTTCCCTACTCT
GACCTAGGACACGTCCCCAACGGAAGCCCCGCTTCCCTTGACCGCGATGAACCAACCTCCCTGAAG
CCAAAATTCCCACCTGCCGCACCTCCGACCAACCCACTTGCCACCAAGCACATCCTCTCCAAATCC
AACCTTATTGCGACCTTCAGTGATGACCCAGCAGACCTCAAAAAGCCTCCTCTGCCAGATCTCC
AGCCGGGTCTGGGGCTGGGTTGCGGAGGGGAGGTCTGGGAGTCCACACTTCTCCACCAACTTCCCTTC
CCACTCTCTATTCCACATTGCACTGTTTGAATAAACCATGTTTTATGCCTCCTCA
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCGC
  
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Restriction Sites: SgfI-RsrII


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<b>OTI Disclaimer:</b>	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).
<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>	<u><a href="#">NM_000836.4</a></u>
<b>Summary:</b>	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA channel has been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C), and NMDAR2D (GRIN2D). [provided by RefSeq, Mar 2010]
<b>Locus ID:</b>	2906
<b>MW:</b>	37.5