

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
Vector: pMirTarget (PS100062)
Symbol: GRIN2D
Synonyms: DEE46; EB11; EIEE46; GluN2D; NMDAR2D; NR2D
ACCN: NM_000836
Insert Size: 1024 bp
Insert Sequence: >SC211770 3'UTR clone of NM_000836
 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.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CACTTCTCTAGCCTCGAGTCCGAGGTAATGACGCGCCCGGGGGCCACC GCCCCCTTGGTCAGCGCA
GGCCACGGCCCGAGGGGGCGCCCGCAGTGGACAGGACCCGCGTGGGTTGGGAAGGAAAGCAGTGGAACT
GGCCGGACCCCGCTGGAGCAGCGTCTGCGCCCGCTGGTCTGGAGGAACCGCAAGCCGGAGAGGATT
TGGTCCCTCAACTATCACCCAGCCTGAGAACGAGGGGGCGGGGGCCTTGGAGCCACCGGACTTTTTTT
TAAACCCGACAAGGGCTTTTTAACGTCAACAGATGGGGCGGGAGGTGGGGGTTACGCCACTCCCGCG
TCCACCTCCACGCCCGGGCCGTGGCCCCACATCACTGTGCAGCTCCCGGCCCGAGCCGCGCTCC
GGGGAAGCCCGTTTTAACCTTTCATCCATTGGGACTCAAACTGTGAGACGCGTTCGCCAACTGTGA
CCCCAGACCTTGGCCCCGCCACAGAAACCCCTGACCCAGACTGTGACATCCGACTCCTAAAATGGTC
ATCCGACTCCAGACTGTGACCCCTGACCCAACTGTGACCCGAACCCAGACTGTGCCCGACCCAGAC
TGTGACCTTGACATCAAACCGTACACCCCTCCTCCTTCCACCCTCGGTCGCTTTTCCCTACTCT
GACCTAGGACACGTCCCCAACGGAAGCCCGCCTTCCCTTGCACCGCATGAACCAACCTCCCTGAAG
CCAAACTTCCCACCTGCCGACCTCCGGACCCCACTTGCCACCAAGCACATCCTCTCCAAATCC
AACCTTATTTGCGACCTTTCAGTGATGACCCAGCAGACTCCAAAAAGCCTCCTCTGCCAGATCTCC
AGCCGGGTCTGGGGCTGGGTTGCGGAGGGGAGGGTCTGGGAGTCCACACTTCTCCACCAACTTCCCTT
CCTACTCTTATTCCACATTGACGTGTTTGAATAAACCATGTTTTATGCCTCCTCA
AGCGGACCGACTTACGCGTAAGCGGCCCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACCGCCG
  
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Restriction Sites: SgfI-RsrII



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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_000836.4
Summary:	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]
Locus ID:	2906
MW:	37.5