

Product datasheet for **SC215526**

GRIA4 (NM_001077244) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GRIA4 (NM_001077244) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GRIA4
Synonyms:	GluA4; GluA4-ATD; GLUR4; GLUR4C; GLURD; NEDSGA
ACCN:	NM_001077244
Insert Size:	1628 bp



[View online »](#)

Insert Sequence: >SC215526 3'UTR clone of NM_001077244
 The sequence shown below is from the reference sequence of NM_001077244. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGATGAAGAATCCTATTTTAAGAAATGATCAAGAAAGAAAAGAGTTCCGCGCTGTTCCGACCATTCTT
AACTAAGGCTCAAGTCTTGTCTCCAGTGTAGTAAATTTAAGCTTATTTTTCATGTGGGATTCTTCTTG
GATGACCAACTCTGGACTACCAGAAAAAAAATTTAAGTTCTGTGACTTTTCTGAGATACTAGAACA
AAAGAAGAATTAATCTTCATCTTTCTCAAGAAATAGATGTTGACAAAGAATCACTTAGCGATTCTGACA
TATCAATCCCCTATCTGAAATGAGGTCAGTGTAAATGATGGAATTATATCACTCCATTTCCAA
GGGTAGATTTTCTATAAGTAAATATCTCGGAATTTGTGTGCTTGTCTTCTGAATATATACAGTTGTTTT
CTTTAAAGATCTCTTGAATTTTGCCTGTTCTGTGTGAAATAAAGTGTTTTAATGTGCATTATAGGTAT
GATATAGAGAATCTCCTTTCCATCCTTGTACTAAAGGGACTGGACAAAATAAATCTTAAAACAAAATA
CTGAATTAATTTTGAAGCATGGCTAGTTTTTAGGAAGCATGCTATCAAAAAAAAAAAGACTAAAAATG
ACTGAAAAAATCCAAGTGTATATATATAAATATATATATATATATATATATATAAAGGATAT
TCTGTAAGTTATATGTTGTTGACAGTAAAGCCATCAATATTTTGTCTATCAAAAATAGTATAACTA
GTATCTTTTTGTATGAAAATGTAATCTTTATATAAATAATACCTCTGATATTTGCAACTGCATAATCGT
TCAGTAATTCAAAAGACATACTAGAATCCTTTTTCTGAAAGTGTCTTCAATTTGCTTTTGTGAAA
ACGGTAGTCCAGGACCTATGATATCCCTCCACTCATTCAATATGAAAGAAATCCCTTGTAGATAAACA
AGATATTGGCATCTGCATGTAATTATCCCAGATTGAGTCAAGAACTCCCAACACAGATGGAATTTGGCT
AGACATTTAATATATGTGATACCTATATCTAGATATAGAAGGCTGAGAGTGAGCACTGGATATAATTC
ATTTTGATTGAAATTGATATGGTGTATTGTTCTTCCAGTTGTCTGCTCTTTGTGTATGTTCTTATTTA
TATGTTGATACACTGTAACACTATATGCTATTGCTAAATAAAATTGATTGAGAAATTCAGTTATTCATA
AATATTTATTGAGCGTCTGCTATGTGCTAGGCACAGTTCTAGGCCCTGGGGATATGTCACAGACAAAAA
TCCTGCACTCAATGAACTTATAGTATATTGAGAGAAAGCAGACCAGAAACATAATTAAGAATTATATT
AGCTATCTTTAATAATAATGTAGTGTAGCTTTTATGGCTGTTGAAAGTTATTTTTTCTTGTAAACA
GTGTTGTATATCTACAATGTGATTTTCATTTTAATAATGAATTTATTCTACCTGAATATAATCATACTG
AATATACCACAGCAAAAATCTAATAGAAAATAAAATTAATATCATCATTTTTATCTTTAAGTCTTGTGTA
CTAAAAATGTTATAAAATCAATAAAATTTATAAGACTGTGA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

Restriction Sites: Sgfl-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).

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_001077244.2](#)

Summary:

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing of this gene results in transcript variants encoding different isoforms, which may vary in their signal transduction properties. Some haplotypes of this gene show a positive association with schizophrenia. [provided by RefSeq, Jul 2008]

Locus ID:

2893

MW:

64.6