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Product datasheet for SC215527

GRIA4 (NM_001112812) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	GRIA4 (NM_001112812) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GRIA4
Synonyms:	GluA4; GluA4-ATD; GLUR4; GLUR4C; GLURD; NEDSGA
ACCN:	NM_001112812
Insert Size:	1628 bp

View online »

Insert Sequence:

>SC215527 3'UTR clone of NM_001112812
The sequence shown below is from the reference sequence of NM_001112812. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGATGAAGAATCCTATTTTAAGAAATTGATCAAGAAAGAAAAGAGTTCCGCGCTGTTCGACCATTCCT
AACTAAGGCTCAAGTCTTGTTCTCCAGTGTAGTAAATTTAAGCTTATTTTTCATGTGGGATTCTTCTTG
GATGACCAACTCTGGACTACCAGAAAAAAAAAATTTTAAGTTCTGTGACTTTTCTGAGATACTAGAACA
AAAGAAGAATTAATCTTCATCTTTCTCAAGAAATAGATGTTGACAAAGAATCACTTAGCGATTCTGACA
TATCAATTCCCCTATCTTGAAATGAGGTCACTGTATGTAAATGATGGAATTATATCACTCCATTTCCAA
GGGTAGATTTTCTATAAGTAAATATCTCGGAATTTGTGTGCTTGTTTTCTGAATATATACAGTTGTTTT
CTTTAAAGATCTCTTGGAATTTTGCCTGTTCTGTGTGAAATAAAGTGTTTTAATGTGCATTATAGGTAT
GATATAGAGAATCTCCTTTCCATCCTTGTTACTAAAGGGACTGGACAAATAAATCTTAAAACCAAAATA
CTGAATTAATTTTGCAAGCATGGCTAGTTTTTAGGAAGCATGCTATCAAAAAAAAAAAGACTAAAAATG
ACTGAAAAAATCCAACTGTTTTATATATATATAAATATATATATATTTATATATATATATAAAGGATAT
TCTGTAAAGTTATATGTTGTTTGACAGTAAAGCCATCAATATTTTTGCTATCAAAATAGTATAATACTA
GTATCTTTTTGTATGAAAATGTAATCTTTATATAAATAATACCTCTGATATTTGCAACTGCATAATCGT
TCAGTAATTCAAAAAGACATACTAGAATCCTTTTTCTGAAAGTGTTCCTTCAATTTGCTTTTGTTGAAA
ACGGTAGTCCAGGACCTATGATATCCCTCCACTTCATTCATTATGAAAGAAATCCCTTGTAGATAAACA
AGATATTGGCATCTGCATGTAATTATCCCCAGATTCAGCTGAAAACTCCCAACACAGATGGAATTGGCT
AGACATTTTAATATATGTGATACCTATATCTAGATATAGAAGGCTGAGAGTGAGCACTGGATATAATTC
ATTTTGATTGAAATTGATATGGTGTTATTGTTCTTCCAGTTGTCTGTCCTTTGTGTATGTTCTTATTTA
TATGTTGATACACTGTAACACTATATGCTATTGCTAAATAAAATTGATTGAGAAATTCAGTTATTCATA
AATATTTATTGAGCGTCTGCTATGTGCTAGGCACAGTTCTAGGCCCTGGGGATATGTCACAGACAAAAA
TCCTGCACTCAATGAAACTTATAGTATATTGAGAGAAAGCAGACCAGAAACATAATTAAGAATTATATT
AGCTATCTTTATTAAATATAATGTAGTGTTAGCTTTTATGGCTGTTGAAAGTTATTTTTTCTTGTAACA
GTGTTGTATATCTACAATGTGATTTTCATTTTAATAATGAATTTATTCTACCTGAATATAATCATACTG
AATATACCACAGCAAAATCTAATAGAAAATAAAATTAATATCATCATTTTTATCTTTAAGTCTTGTTGA
CTAAAAATGTTATAAAATCAATAAAATTTATAAGACTGTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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).

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_001112812.2

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