

# Recombinant Full Length Human GRIA3 Protein, GST-tagged

**Cat. No.** GRIA3-5622HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GRIA3 full-length ORF ( NP_871623.1, 1 a.a. - 144 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	144 amino acids
<b>Description</b>	<p>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-&gt;GGA; R-&gt;G). Alternative splicing at this locus results in different isoforms, which may vary in their signal transduction properties. [provided by RefSeq]</p>
<b>Molecular Mass</b>	42.5 kDa
<b>AA Sequence</b>	MARQKKMGQSVLRAVFFLVLGLLGHSHGGFPNTISIGGLFMRNTVQEHSFRFAVQ LYNTNQNTTEKPFHNLNYHVDHLDSSNSFSVTNACPAERDYLPWPGSIRENNWTALP CCKDHGLLHLKCSPPGARQNWAYCIWGVGTGEL

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	GRIA3 glutamate receptor, ionotropic, AMPA 3 [ Homo sapiens ]
<b>Official Symbol</b>	GRIA3
<b>Synonyms</b>	GRIA3; glutamate receptor, ionotropic, AMPA 3; GLUR3, glutamate receptor, ionotropic, AMPA 3; glutamate receptor 3; GluA3; GLURC; MRX94; gluR-3; dJ1171F9.1; glutamate receptor C; glutamate receptor subunit 3; AMPA-selective glutamate receptor 3; glutamate receptor, ionotropic, AMPA 3; GLUR3; GLUR-C; GLUR-K3;
<b>Gene ID</b>	2892
<b>mRNA Refseq</b>	NM_000828
<b>Protein Refseq</b>	NP_000819
<b>MIM</b>	305915

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UniProt ID

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