



## GRIK4 blocking peptide (CDBP5506)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a protein that belongs to the glutamate-gated ionic channel family. Glutamate functions as the major excitatory neurotransmitter in the central nervous system through activation of ligand-gated ion channels and G protein-coupled membrane receptors. The protein encoded by this gene forms functional heteromeric kainate-preferring ionic channels with the subunits encoded by related gene family members. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
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<b>Conjugate</b>	Unconjugated
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<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
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<b>Format</b>	Liquid
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<b>Concentration</b>	200 µg/mL
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<b>Size</b>	0.05 mg
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<b>Preservative</b>	None
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<b>Storage</b>	-20°C
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### GENE INFORMATION

<b>Gene Name</b>	<a href="#">GRIK4 glutamate receptor, ionotropic, kainate 4 [ Homo sapiens (human) ]</a>
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<b>Official Symbol</b>	GRIK4
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<b>Synonyms</b>	GRIK4; glutamate receptor, ionotropic, kainate 4; KA1; EAA1; GRIK; GluK4; glutamate receptor ionotropic, kainate 4; glutamate receptor KA1; glutamate receptor KA-1; excitatory amino acid receptor 1
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<b>Entrez Gene ID</b>	<a href="#">2900</a>
<b>mRNA Refseq</b>	<a href="#">NM_001282470</a>
<b>Protein Refseq</b>	<a href="#">NP_001269399</a>
<b>UniProt ID</b>	Q16099
<b>Pathway</b>	Activation of Ca-permeable Kainate Receptor; Activation of Kainate Receptors upon glutamate binding; Glutamatergic synapse; Ionotropic activity of Kainate Receptors; Neuroactive ligand-receptor interaction; Neuronal System; Neurotransmitter Receptor Binding And Downstream Transmission In The Postsynaptic Cell; Transmission across Chemical Synapses
<b>Function</b>	extracellular-glutamate-gated ion channel activity; kainate selective glutamate receptor activity