



GRIK4 blocking peptide (CDBP5505)

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

PRODUCT INFORMATION

Antigen Description	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]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	GRIK4 glutamate receptor, ionotropic, kainate 4 [Homo sapiens (human)]
Official Symbol	GRIK4
Synonyms	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

Entrez Gene ID	2900
mRNA Refseq	NM_001282470
Protein Refseq	NP_001269399
UniProt ID	Q16099
Pathway	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
Function	extracellular-glutamate-gated ion channel activity; kainate selective glutamate receptor activity