

Recombinant Human GRIK2

Catalog No: #GP13624



Package Size: #GP13624-1 100ug

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Description

Product Name	Recombinant Human GRIK2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 32-317 amino acids of human GRIK2
Target Name	glutamate ionotropic receptor kainate type subunit 2
Other Names	EAA4; GLR6; MRT6; GLUK6; GLUR6; GluK2
Accession No.	Swissprot:Q13002Gene Accession:BC037954
Uniprot	Q13002
GeneID	2898;
Storage	-20~-80°C, pH 7.6 PBS

Background

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. The subunit encoded by this gene is subject to RNA editing at multiple sites within the first and second transmembrane domains, which is thought to alter the structure and function of the receptor complex. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. Mutations in this gene have been associated with autosomal recessive cognitive disability.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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