

Recombinant Mouse Grik2 Protein, MYC/DDK-tagged

Cat. No. Grik2-1063M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse glutamate receptor, ionotropic, kainate 2 (beta 2) (Grik2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 found for this gene.
Molecular Mass	98.3 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Grik2 glutamate receptor, ionotropic, kainate 2 (beta 2) [Mus musculus (house mouse)]

Official Symbol Grik2

Synonyms Grik2; glutamate receptor, ionotropic, kainate 2 (beta 2); GluK2; Glur6; Glur-6; AW124492; Glurbeta2; C130030K03Rik; glutamate receptor ionotropic, kainate 2; gluR beta-2; glutamate receptor 6; glutamate receptor beta-2; proteasome (prosome, macropain) subunit, alpha type 6 pseudogene

Gene ID 14806

mRNA Refseq NM_010349

Protein Refseq NP_034479

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