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GRIK2 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image

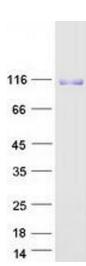


Over	view	

Quantity:	20 μg
Target:	GRIK2
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRIK2 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Glutamate receptor 6 / GLUR6 (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Characteristics: Purity:	in HEK293 cells.
	in HEK293 cells. • Produced with end-sequenced ORF clone
Purity:	in HEK293 cells. • Produced with end-sequenced ORF clone

Target:	GRIK2
Alternative Name:	Glutamate Receptor 6,glur6 (GRIK2 Products)
Background: Glutamate receptors are the predominant excitatory neurotransmitter receptors in mammalian brain and are activated in a variety of normal neurophysiologic process.	
	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 mental retardation.	
Molecular Weight:	98.9 kDa	
NCBI Accession:	NP_068775	
Pathways:	Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity	
Application Details		
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	
Handling		
Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	



Western Blotting

Image 1. Validation with Western Blot