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Datasheet for ABIN2722001 GRIK2 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



Overview

Background:

Image

Uverview	
Quantity:	20 µg
Target:	GRIK2
Protein Characteristics:	Transcript Variant 2
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 2) protein expressed in HEK293 cells.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	GRIK2
Alternative Name:	Glutamate Receptor 6,glur6 (GRIK2 Products)

Glutamate receptors are the predominant excitatory neurotransmitter receptors in the

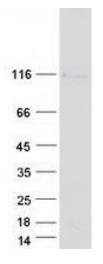
mammalian brain and are activated in a variety of normal neurophysiologic processes. This

gene product belongs to the kainate family of glutamate receptors, which are composed of four

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Target Details

	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:	94.3 kDa
NCBI Accession:	NP_786944
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

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