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Datasheet for ABIN5710370

GRIK5 Protein (AA 143-238, Extracellular) (GST tag)

1 Image

Overview

Quantity:	100 µg
Target:	GRIK5
Protein Characteristics:	Extracellular, AA 143-238
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRIK5 protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	HPGNPKLKKQ LGPGKKNDEV SSLDAFLDLI RNLFPENLVQ ACFQQIQTVT KKVLVAPPSE EANTTKAVIS MLNETMNEAP EETKIVIKKG LEFKDG
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	GRIK5
Alternative Name:	EAA2 (GRIK5 Products)
Background:	Transports L-glutamate and also L- and D-aspartate. Essential for terminating the postsynaptic action of glutamate by rapidly roving released glutamate from the synaptic cleft. Acts as a symport by cotransporting sodium.

Target Details

Molecular Weight:	38 kDa
UniProt:	P43006
Pathways:	Carbohydrate Homeostasis , Synaptic Membrane , Maintenance of Protein Location , Synaptic Vesicle Exocytosis

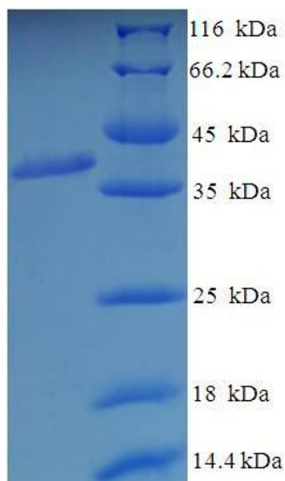
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.