Datasheet for ABIN5712409

PICK1 Protein (AA 1-200, partial) (GST tag)

1 Image

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Overview

Quantity:	100 µg
Target:	PICK1
Protein Characteristics:	partial, AA 1-200
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PICK1 protein is labelled with GST tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MFADLDYDIE EDKLGIPTVP GKVTLQKDAQ NLIGISIGGG AQYCPCLYIV QVFDNTPAAL DGTVAAGDEI TGVNGRSIKG KTKVEVAKMI QEVKGEVTIH YNKLQADPKQ GMSLDIVLKK VKHRLVENMS SGTADALGLS RAILCNDGLV KRLEELERTA ELYKGMTEHT KNLLRAFYEL SQTHRAFGDV FSVIGVREPQ
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	PICK1
Alternative Name:	PICK1 (PICK1 Products)
Background:	Probable adapter protein that bind to and organize the subcellular localization of a variety of

Target Details

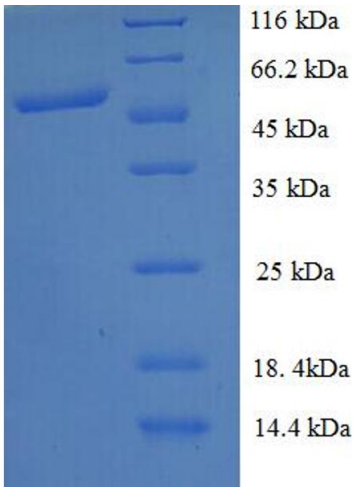
	mbrane proteins containing some PDZ recognition sequence. Involved in the clustering of various receptors, possibly by acting at the receptor internalization level. Plays a role in synaptic plasticity by regulating the trafficking and internalization of AMPA receptors. May be regulated upon PRKCA activation. May regulate ASIC1/ASIC3 channel. Regulates actin polymerization by inhibiting the actin-nucleating activity of the Arp2/3 complex, the function is competetive with nucleation promoting factors and is linked to neuronal morphology regulation and AMPA receptor (AMPAR) endocytosis. Via interaction with the Arp2/3 complex involved in regulation of synaptic plasicity of excitatory synapses and required for spine shrinkage during long-term depression (LTD). Involved in regulation of astrocyte morphology, antagonistic to Arp2/3 complex activator WASL/N-WASP function.
Molecular Weight:	49.3 kDa
UniProt:	Q9NRD5

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.



SDS-PAGE

Image 1.