Datasheet for ABIN7320126

Neurexophilin 1 Protein (NXPH1) (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	Neurexophilin 1 (NXPH1)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurexophilin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Neurexophilin-1/NXPH1 Protein (His Tag)
Sequence:	Ala22-Gly271
Characteristics:	A DNA sequence encoding the mouse NXPH1 (Q61200) (Ala22-Gly271) was expressed with a C-terminal polyhistidine tag.
Purity:	> 85 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	Neurexophilin 1 (NXPH1)
Alternative Name:	Neurexophilin-1/NXPH1 (NXPH1 Products)
Background:	Background: Neurexophilin-1, or NXPH1 is a secreted glycoprotein, which belongs to the Neurexophilin family. The Neurexophilin family contain at least four genes and resembles a neuropeptide, suggesting a function as an endogenous ligand for alpha-neurexins. The

Target Details

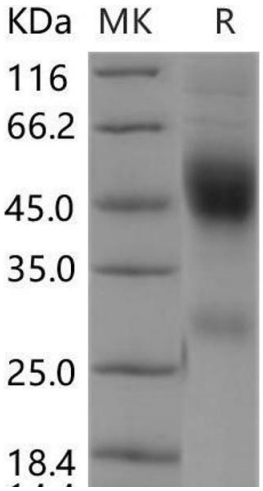
	mammalian brains contain four genes for neurexophilins the products of which share a common structure composed of five domains: an N-terminal signal peptide, a variable N-terminal domain, a highly conserved central domain that is N-glycosylated, a short linker region, and a conserved C-terminal domain that is cysteine-rich. Neurexophilin-1 constitutes a secreted cysteine-rich glycoprotein, forms a very tight complex with alpha neurexins, a group of proteins that promote adhesion between dendrites and axons. Neurexophilins 1 and 3 but not 4 (neurexophilin 2 is not expressed in rodents) bind to a single individual LNS domain, the second overall LNS domain in all three alpha-neurexins. Synonym: C130005L03Rik
Molecular Weight:	30.1 kDa
UniProt:	Q61200

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.