

Datasheet for ABIN7321231

Neurexophilin 1 Protein (NXPH1) (His tag)[Go to Product page](#)**1** Image

Overview

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

Product Details

Purpose:	Recombinant Rat Neurexophilin-1/NXPH1 Protein (His Tag)
Sequence:	Met 1-Gly 271
Characteristics:	A DNA sequence encoding the rat NXPH1 (Q63366-1) (Met 1-Gly 271) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 92 % 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: MGC124635

Molecular Weight:	30 kDa
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Application Details

Restrictions:	For Research Use only
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Handling

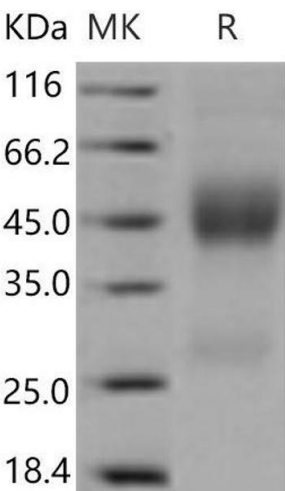
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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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.
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Western Blotting

Image 1.