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Datasheet for ABIN7318814

**Neurexophilin 1 Protein (NXPH1) (His tag)**

## Overview

Quantity:	50 µg
Target:	Neurexophilin 1 (NXPH1)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurexophilin 1 protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Human Neurexophilin-1/NXPH1 Protein (His Tag)
Sequence:	Ala22-Gly271
Characteristics:	Recombinant Human Neurexophilin-1 is produced by our Mammalian expression system and the target gene encoding Ala22-Gly271 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

## Target Details

Target:	Neurexophilin 1 (NXPH1)
Alternative Name:	Neurexophilin-1/NXPH1 ( <a href="#">NXPH1 Products</a> )
Background:	Background: Neurexophilin-1 (NXPH1) is a member of Neurexophilin family. NXPH1 consist of 271 amino acids. It contains a 21 amino acid signal peptide, 86 amino acid propeptide, and 164 amino acid mature protein. NXPH1 is expressed in subpopulations of neurons within the

## Target Details

cerebral cortex, cerebellum and olfactory bulb that are thought to be inhibitory interneurons. In humans, NXPH2 and NXPH3 are most similar to NXPH1, sharing 84 % and 64 % aa identity within the mature region, respectively. By contrast, NXPH4 does not bind  $\alpha$ -neurexins. Genetic deletion of NXPH1 or NXPH3 produces no anatomical effect.

Synonym: Neurexophilin-1, NXPH1, NPH1

Molecular Weight: 29.7 kDa

UniProt: [P58417](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2  $\mu$ m filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

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.