

Datasheet for ABIN5854858

Neurexophilin 1 Protein (NXPH1) (AA 22-271) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	Neurexophilin 1 (NXPH1)
Protein Characteristics:	AA 22-271
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Neurexophilin 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADPANLTNGG KSELLKSGSS KSTLKHIWTE SSKDLSISRL LSQTFRGKEN DTDLRLRYDT PEPYSEQLDW DWLRNSTDLQ EPRPRAKRRP IVKTGKFKKM FGWGFHSNI KTVKLNLLIT GKIVDHGNGT FSVYFRHNST GQGNVSVSLV PPTKIVEFDL AQQTVIDAKD SKSFNCRIEY EKVDKATKNT LCNYDPSKTC YQEQTQSHVS WLCSKPFKVI CIYISFYSTD YKLVQKVCPD YNYHSDTPYF PSGHHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Target Details

Target:	Neurexophilin 1 (NXPH1)
Alternative Name:	NXPH1 (NXPH1 Products)

Target Details

Background: NXP1, also known as Neurexophilin-1, is one of at least four vertebrate neuropeptide-like secreted glycoproteins in the neurexophilin family. It encodes a secreted protein with a variable N-terminal domain, a highly conserved, N-glycosylated central domain, a short linker region, and a cysteine-rich C-terminal domain. This protein forms a very tight complex with alpha neurexins, a group of proteins that promote adhesion between dendrites and axons. Genetic deletion of NXP1 and/or NXP3 produces no anatomical effect, although mice lacking NXP3 show defects in motor coordination. Recombinant human NXP1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 29.7kDa (259aa) 28-40kDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_689958](#)

UniProt: [P58417](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

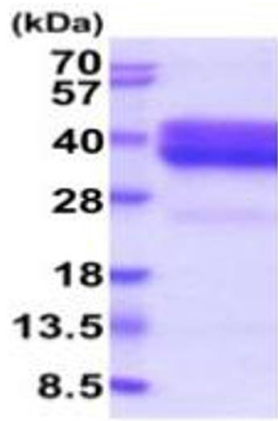
Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.