

Recombinant Human neurexophilin 1, His-tagged

Cat. No. NXPH1-442H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NXPH1, 22-271aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	22-271 a.a.
Description	NXPH1 is a member of the neurexophilin family and 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. Recombinant human NXPH1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	31.0kDa (273aa)
AA Sequence	MGSSHHHHH SSGLVPRGSH MGSANLTNGG KSELLKSGSS KSTLKHIWTE SSKDLSISRL LSQTFRGKEN DTDLDLRYDT PEPYSEQDLW DWLRNSTDLQ EPRPRAKRRP IVKTGKFKKM FGWGD FHSNI KTVKLNLLIT GKIVDHGNGT FSVYFRHNST GQGNVSVSLV PPTKIVEFDL AQQTVIDAKD SKSFNCRIEY EKVDKATKNT LCNYDPSKTC YQEQTQSHVS WLCSKPFKVI CIYISFYSTD YKLVQKVCPCD YNYHSDTPYF PSG

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Purity	>90% by SDS - PAGE
Storage	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.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	NXPH1 neurexophilin 1 [Homo sapiens]
Official Symbol	NXPH1
Synonyms	NXPH1; neurexophilin 1; neurexophilin-1; NPH1; Nbla00697;
Gene ID	30010
mRNA Refseq	NM_152745
Protein Refseq	NP_689958
MIM	604639
UniProt ID	P58417
Chromosome Location	7p22
Function	receptor binding;