

Recombinant Human NXPH1 protein, His & GST-tagged

Cat. No. NXPH1-7991H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NXPH1 aa. (Ala22~Gly271 (Accession # P58417)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala22~Gly271
Description	This gene 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 58.6kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Characteristic	The isoelectric point is 9.0.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

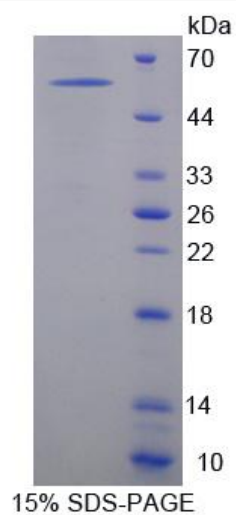
Gene Name	NXPH1 neurexophilin 1 [Homo sapiens (human)]
Official Symbol	NXPH1
Synonyms	NPH1; Nbla00697; neurexophilin-1
Gene ID	30010
mRNA Refseq	NM_152745.2
Protein Refseq	NP_689958.1
UniProt ID	P58417

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SDS-PAGE



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