

## Recombinant Human NXPH1 protein, His & GST-tagged

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

### SPECIFICATION

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

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage Buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

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

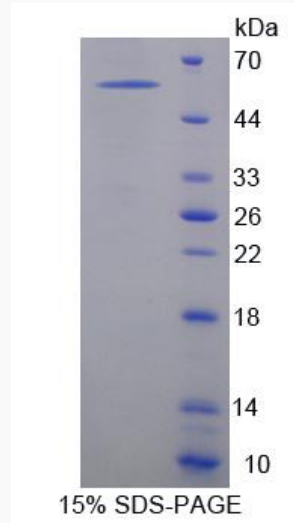
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SDS-PAGE



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