

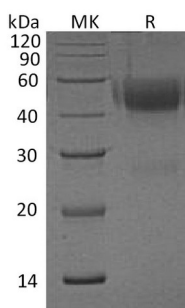
Product Name: Recombinant Human NXPH1 (C-6His)
Catalog #: PHH1209



Summary

Name	Neurexophilin-1/NXPH1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P58417
Host	Human Cells
Species	Human
Predicted Molecular Mass	29.67 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Human NXPH1 (C-6His)
Catalog #: PHH1209



Alternative Names Neurexophilin-1; NXPH1; NPH1

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 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 α -neurexins. Genetic deletion of NXPH1 or NXPH3 produces no anatomical effect.

Note

For Research Use Only , Not for Diagnostic Use.