

Product datasheet for **TP726809**

NXPH1 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Neurexophilin-1/NXPH1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala22-Gly271
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	30010
UniProt ID:	P58417
Synonyms:	Neurexophilin-1; NXPH1; NPH1
Summary:	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 a-neurexins. Genetic deletion of NXPH1 or NXPH3 produces no anatomical effect.
Protein Families:	Secreted Protein



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