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NXPH1, 22-271aa, Human, His-tag, Baculovirus

产品货号: TP03236

第三版

别名: Neurexophilin-1, NXPH1, Nbla00697, NPH1

**描述:** NXPH1, also known as Neurexophilin-1, is one of at least four vertebrate neuropeptide-like secreted glycoproteins in the neurexophilin family. It 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. Genetic deletion of NXPH1 and/or NXPH-3 produces no anatomical effect, although mice lacking NXPH-3 show defects in motor coordination. Recombinant human NXPH1 protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 29.7kDa (259aa) 28-40kDa (SDS-PAGE under reducing conditions.)

**序列:**

ADPANLTNGGKSELLKSGSSKSTLKHIIWTESSKDLSISRLLSQTFRGKENDTDLDLRYDTPEPYSEQDLWDWLRNSTDQLQEP  
RPRAKRRPIVKTGKFKMFGWGFHNSNIKTVKLNLLITGKIVDHGNGTFSVYFRHNSTGQGNVSVSLVPPTKIVEFDLAQ  
QTVIDAKDSKSFNCRIEYKVDKATKNTLCNYDPSKTCYQEQTQSHVSWLCSKPFKVICIYISFYSTDYKLVQKVC PDYNY  
HSDTPYFPSGHHHHHH

**纯度:** > 95% by HPLC

**浓度:** 17 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.