

32-4361: Recombinant Human Neurexophilin 1

Alternative Name : Nbla00697,NPH1,Neurexophilin-1,NXPH1.

Description

Source : Escherichia Coli. NXPH1 Human Recombinant produced in E. coli is. a single polypeptide chain containing 273 amino acids (22-271) and having a molecular mass of 31kDa. NXPH1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Neurexophilin 1 (NXPH1) is a part of the neurexophilin family which encodes a secreted protein with a variable N terminal domain, an extremely conserved, N-glycosylated central domain, a short linker region, and a cysteine-rich Cterminal domain. NXPH1 shapes a very tight complex with alpha neurexins, a group of proteins which promote adhesion among dendrites and axons.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The NXPH1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSANLTNGG KSELLKSGSS KSTLKHIVTE SSKDLSISRL LSQTFRGKEN DTDLDLRYDT PEPYSEQDLW DWLRNSTDLQ EPRPRAKRRP IVKTGKFKKM FGWGD FHSNI KTVKLNLLIT GKIVDHGNGT FSVYFRHNST GQGNVSVSLV PPTKIVEFDL AQQTVIDAKD SKSFNCRIEY EKVDKATKNT LCNYDPSKTC YQEQTQSHVS WLCSPFKVI CIYISFYSTD YKLVQKPCPD YNYHSDTPYF PSG.