9051 Mira Mesa Blvd, #910094
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NXPH1 Human

Neurexophilin 1 Human Recombinant
RCP1544

Product Overview

Name	NXPH1 Human
Description	
Neurexophilin 1 Human Recombinant	
Accession (Primary)	P58417
Synonyms	
Nbla00697, NPH1, Neurexophilin-1, NXPH1.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The NXPH1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS ANLTNGG KSELLKSGSS KSTLKHIWTE SSKDLSISRL LSQTFRGKEN DTDLDLRYDT PEPYSEQDLW DWLRNSTDLQ EPRPRAKRRP IVKTGKFKKM FGWGDFHSNI KTVKLNLLIT GKIVDHGNGT FSVYFRHNST GQGNVSVSLV PPTKIVEFDL AQQTVIDAKD SKSFNCRIEY EKVDKATKNT LCNYDPSKTC YQEQTQSHVS WLCSKPFKVI CIYISFYSTD YKLVQKVCPD YNYHSDTPYF PSG.	
Precautions	

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NXPH1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P58417)