

For Research Use Only

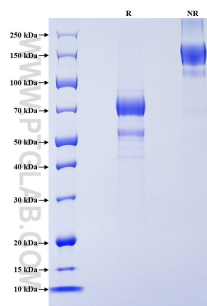
Recombinant Rat NXPH1 protein (mFc Tag)



Catalog Number: Eg3227

Basic Information	Species: Rat	Purity: >90 %, SDS-PAGE	Tag: mFc Tag
Technical Specifications	Purity: >90 %, SDS-PAGE Endotoxin Level: <0.1 EU/μg protein, LAL method Source: HEK293-derived Rat NXPH1 protein Ala22-Gly271 (Accession# Q63366) with a mouse IgG Fc tag at the C-terminus. GeneID: 25501 Accession: Q63366 Predicted Molecular Mass: 55.2 kDa SDS-PAGE: 68-85 kDa, reducing (R) conditions Formulation: Lyophilized from 0.22 μm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	Storage: It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. • Until expiry date, -20°C to -80°C as lyophilized proteins. • 3 months, -20°C to -80°C under sterile conditions after reconstitution. Shipping: The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	Neurexophilin-1 (NXPH1) is a secretory protein that belongs to the Neurexophilin family. NXPH1 is known to code for a neuronal glycoprotein that binds to α-neurexin to regulate neuronal function, neurotransmission, signalization and various cell interactions. NXPH1 expression is enriched in adrenal gland and brain. NXPH1 has also been identified as a novel biomarker for the prognosis of neuroblastoma, and for the diagnosis of low-grade breast cancer.		
References	1. Vallée Marcotte B. et al. (2017) Int J Mol Sci. 18(2):257. 2. Fanlo L. et al. (2023) Oncogene. 42(28):2218-2233. 3. Sun Z. et al. (2024) J Gastrointest Oncol. 15(2):641-667.		
Synonyms	Neurexophilin-1, Neurophilin		
For technical support and original validation data for this product please contact			
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)		E: proteintech@ptglab.com W: ptglab.com	
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.			

Selected Validation Data



Purity of Recombinant Rat NXPH1 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.