

Datasheet for ABIN7563719
NIR1 Protein (AA 1-974) (His tag)



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Overview

Quantity:	1 mg
Target:	NIR1 (PITPNM3)
Protein Characteristics:	AA 1-974
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NIR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Pitpnm3 Protein expressed in mammalian cells.
Sequence:	MAKAGSAGGP SPGGGAPWHL RNVLSDSVES SDDEFFDARE EVAEGKNAIL IGMSQWSSND LVEQIETIGK LDERQGDGAT ACTSSILQEK QRELYRVSLR RQRFP AQGSI EI HEDGEEGC SQRSC KTHVL LLVLHGGNVL DTGSGDP SCK AADIHTFSSV LEKVMRAHFP AALGHILIKF VPCPAICSEA FSLVSNLNPY SHDEGCLGTS QD HVPLAALP LLAISSPQYQ DAVATVIERA NHIYGEFLKS SDGIGFNGQV CLIGDCV GGL LAFDAICYSA GPSG DSPGSS SRKGSISSTQ DTPVVVEEDC SLASSKRLSK SNVDVSSGVE DEDPKRPLPR KQSDSSTYDC EAITQHHAFL SSIHSSVLKD EAEAPAAGTP QLSEVSLGRF DFDVSDFFLF GSPLGLVLAM RRTVLP GIDG FQMRPACSQV YSFFHCADPS ASRLEPLLEP KFHLVPPVSV PRYQRFPLGD GQSLLLADAL HTHSPLFLEG SSRGSPPLD APASPPQAPR FQRTERRLSK GSSHSDSSES SDSLAPMGAS RITAKWWGTK RIDYALYCPD VLTAFPTVAL PHLFHASYWE STDVVAFILR QVMRYESASV KESTGLDPTA LSPANPREKW LRKRTQVKLR NVTANHRAND VIAAEDGPQV LVGRFMYGPL DMVALTGEKV DILVMTEPSS GRWVHL DTEI TNNSGRITYN VPRPRRLG VG VYPVKM WV RG

Product Details

DQTCAMSYLT VLPRGMECVV FSIDGSFAAS VSIMGSDPKV RPGAVDVVRH WQDLGYMILY
ITGRPDMQKQ RVVSWLSQHN FPQGMIFSD GLVHDPLRQK AIFLRNLMQE CFIKITAAYG
STKDISVYSV LGLPASQIFI VGRSTKKYQT QCQFLSEGYA AHLAALEASH RSRPKKNNSR
MILRKGSGFL HAQPEFLRKR NHLRRTMSVQ QPDPPAANPK PERAQSQPES DKDHERPLPA
LSWARGPPKF ESVP **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: NIR1 (PITPNM3)

Alternative Name: Pitpnm3 ([PITPNM3 Products](#))

Background: Membrane-associated phosphatidylinositol transfer protein 3 (Phosphatidylinositol transfer protein, membrane-associated 3) (PITPnm 3) (Pyk2 N-terminal domain-interacting receptor 1) (NIR-1),FUNCTION: Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (in vitro). Binds calcium ions (By similarity). {ECO:0000250}.

Target Details

Molecular Weight: 106.5 kDa

UniProt: [Q3UHE1](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months