

Datasheet for ABIN7564160

PITPNM2 Protein (AA 1-1335) (His tag)



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Overview

Quantity:	1 mg
Target:	PITPNM2
Protein Characteristics:	AA 1-1335
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PITPNM2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Pitpnm2 Protein expressed in mammalien cells.
Sequence:	MIIKEYRIPL PMTVDEYRIA QLYMIQKKSR NETHGQGSGV EILENRPYTD GPGGSGQYTH KVYHVGMHIP GWFRSILPKA ALRVVEESWN AYPYTRTRFT CPFVEKFSID IETFYKTDTG ENNNVFNLS VEKSQLITDI IDIVKDPVPP SEYKTEEDPK LFQSVKTCRG PLSENWIEY KKRLLPIMCA YKLCKVEFRY WGMQSKIERF IHDTGLRRVM VRAHRQAWCW QDEWYGLTME KIRELEREVQ LMLSRKMAQF SEEGPSELK DSATKDQASG TTSDPGSKNG EPLGRGLKKQ WSTSSKSSRS SKRGASPSRH SISEWRMQSI ARDSDEGSEE EFFDAHENLY CTEEKQAKDM TKWNSNDLMD KMESPEPEES QDEIYQQSGS EFRVASSVEQ LNIIEDEVSQ PLAAPPSKIH VLLLVLHGGT ILDTGAGDPS SKQGDTNTIT NVFDTVMRVH YPSALGHLAI RLVPCPPICA DAFALVSNLS PYGHDEGCLS SSQDHIPLAA LPLLATSSPQ YQEAVATVIQ RANLAYGDFI KSQEGVTFNG QVCLIGDCVG GILAFDALCY SGQPVSESQS SSRRGSVSM QDADLLSPGT LANAAHCSGG SGGGGSGGSS LESSRHLSRS NIDIPRSNGT EDSRRQLPRK RSDSSTYELD

TIQQHQAFLS SLHASVLRNE PSSRRSSSST MLDGAGALGK FDFEADLFL FGCPLGLVLA
LRKTVIPSLD VFQLRPACQQ VYNLFHPADP SASRLEPLLE RRFHSLPPFS IPRYQRYPLG
DGCSTLLADV LQTHNTVFQE HAAPSSPGTA PAGRGFRRAS EISIASQVSG MAESYTASSI
AQKGPSSLNH TPSIRRLSLL ALPPSPPTTQ GPRRARARQVS PNLERAPCLP DLDIGEVAAK
WWGQKRIDYA LYCPDALTA PTVALPHLFH ASYWESTDVV SFLLRQVMRH DSSSILELDG
KEVSVFTPSQ PRERWQRKRT HVKLRNVAAN HRINDAVANE DGPQVVTGRF MYGPLDMVTL
TGEKVVDHIM TQPPSGEWLH LDTLVTNSSG RVSYTIPETH RLGVGVPYPIK MVRGDHTFA
DSYITVLPRG TEFVVSIDG SFAASVSIMG SDPKVRAGAV DVVRHWQDLG YLIIVTGRP
DMQKQRRVAW LAQHNFPBGV VSFCDGLVHD PLRHKANFLK LLISELHLRA HAAYGSTKDV
AVYNSISLSP MHIYIVGRPT KKLQQCQFI TDGYAAHLAQ LKYNHRARPA RNTATRMALR
KGSFGLPGQS DFLRSRNHLL RTISAQPSGP SHRHRTQTQ MDSEQRGQRS MSVAASCWGR
AMAGRLEPGA ATGPK **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.**

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.
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	PITPNM2
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Target Details

Alternative Name:	Pitpnm2 (PITPNM2 Products)
Background:	Membrane-associated phosphatidylinositol transfer protein 2 (Drosophila retinal degeneration B homolog 2) (RdgB2) (Phosphatidylinositol transfer protein, membrane-associated 2) (PITPnm 2) (Pyk2 N-terminal domain-interacting receptor 3) (NIR-3),FUNCTION: Catalyzes the transfer of phosphatidylinositol and phosphatidylcholine between membranes (in vitro). Binds calcium ions (By similarity). {ECO:0000250}.
Molecular Weight:	148.0 kDa
UniProt:	Q6ZPQ6

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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