

Product datasheet for TP316422

PITPNM2 (NM_020845) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human phosphatidylinositol transfer protein, membrane-associated 2 (PITPNM2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216422 representing NM_020845 Red=Cloning site Green=Tags(s)

MIIKEYRIPLPMTVEEYRIAQLYMIQKKSERNETYGEGSGVEILENRPYTDGPGGSGQYTHKVYHVGMHIP
SWFRSILPKAALRWVEESWNAYPYTRTRFTCPFEVKFSIDIETFYKTDAGENPDVFNLSPEKNQLTIDF
IDIVKDPVPHNEYKTEEDPKLFQSTKTQRGLSENWIEEYKQVFPIMCAYKLCVFRYWMQSKIERY
IHDTGLRRVMVRAHRQAWCWQDEWYGLSMENIRELEKEAQLMLSRKMAQFNEDGEEATELVKHEAVSDQT
SGEPPEPSSSNGEPLVGRGLKQWSTSSKSSRSKRGASPSRHSISEWRMQSIARSDDESSDDEFFDAHE
DLSDTEEMFPKDITKWSSNDLMDKIESPEPEDTQDGLYRQGAPEFRVASSVEQLNIIIEVDSQPLAAPP
KIHVLLLVLHGGTILDTGAGDPSSKKGDANTIANVFDTVMRVHYPYALGRLAIRLVPCPPVCSDAFALVS
NLSPYSHDEGLSSQDHIPLAALPLLATSSPQYQEAATVIQRANLAYGDFIKSQEGMTFNGQVCLIGD
CVGGILAFDALCYSNQPVSSESQSSRRGSVSMQDNDLLSPGILMNAAHCCGGGGGGGGGGSSGGGGSS
GGSSLESSRHLRSNVDIPRSNGTEDPKRQLPRKRSDSSTYELDTIQHQAFSSLHASVLRTEPCSRHS
SSSTMLDGTGALGRDFEITDLFLFGCPLGLVLRKTVIPALDVFQLRPACQVYNLPHPADPSASRLE
PLLERRFHALPPFSVPRYQRYPLGDGCSTLLADVLQTHNAAFQEHGAPSSPGTAPASRGFRRAISEIAS
QVSGMAESYTASSIAQKAPDALSHTPSVRRLSLLALPAPSPTTPGPHPPARKASPLERAPGLPELDIGE
VAAKWWGQKRIDYALYCPDALTAFTVALPHLFHASYWESTDVSFLLRQVMRHDNSSILELDGKEVSVF
TPSKPREKWQRKRTHVKLNRVNTANHRINDALANEDGPQVLTGRFMYGPLDMVTLTGEKVDVHIMTQPPSG
EWLYLDTLVTNNSGRVSYTIPESHRLGVGVYPIKMVVRGDHTFADSYITVLPKGTEFVVSIDGSFAASV
SIMGSDPKVRAGAVDVRHWQDLGYLIIVTGRPDMQKQRVVAWLAQHNFPHGWSVFCGLVHDPLRHKA
NFLKLLISELHLRVHAAYGSTKDVAVYSAISLSPMQIYIVGRPTKKLQQQCQFITDGAAHQAQLKYSHR
ARPARNTATRMALRKGSFGLPGQGDFLRSRNHLLRTISAQPSGSPSHRHERTQSQADGEQRGQRSMVAAG
CWGRAMTGRLEPGAAAGPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

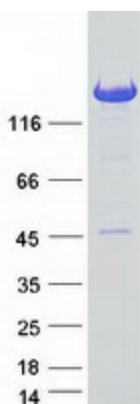
Tag:	C-Myc/DDK
Predicted MW:	148.8 kDa



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Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065896
Locus ID:	57605
UniProt ID:	Q9BZ72 , Q9UF51
RefSeq Size:	6754
Cytogenetics:	12q24.31
RefSeq ORF:	4047
Synonyms:	NIR-3; NIR3; RDGB2; RDGBA2
Summary:	PITPNM2 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein (Ocaña et al., 2005 [PubMed 15627748]).[supplied by OMIM, Mar 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PITPNM2 protein (Cat# TP316422). The protein was produced from HEK293T cells transfected with PITPNM2 cDNA clone (Cat# [RC216422]) using MegaTran 2.0 (Cat# [TT210002]).