

Product datasheet for PH316422

PITPNM2 (NM_020845) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PITPNM2 MS Standard C13 and N15-labeled recombinant protein (NP_065896)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216422
Predicted MW:	148.8 kDa
Protein Sequence:	>RC216422 representing NM_020845 Red=Cloning site Green=Tags(s)

MIKEYRIPLPMTVEEYRIAQLYMIQKKSERNETYGEGSGVEILENRPYTDGPGGSGQYTHKVYHVGMHIP
SWFRSILPKAALRVVEESWNAYPYTRTRFTCPFVEKFSIDIETFYKTDAGENPDVFNLSPEKNQLTIDF
IDIVKDPVPHNEYKTEEDPKLFQSTKTQRGPLESENWIEEYKQVFPIMCAYKLCCKVEFRYWMQSKIERF
IHDTGLRRVMVRAHRQAWCWQDEWYGLSMENIRELEKEAQLMLSRKMAQFNEDGEEATELVKHEAVSDQT
SGEPPEPSSSNGEPLVGRGLKKQWSTSSKSSRSKRGASPSRHSISEWRMQSIARSDSESSDDEFFDAHE
DLSDTEEMFPKDITKSSNDLMDKIESPEPEDTQDGLYRQGAPEFRVASSVEQLNIEDEVSQPLAAPPS
KIHVLLLVLHGGTILDTGAGDPSSKKGDANTIANVFDTVMRVHYPALGRLAIRLVPCPPVCSDAFALVS
NLSPYSHDEGCLSSSQDHIPLAALPLLATSSPQYQEA VATVIQRANLAYGDFIKSQEGMTFNGQVCLIGD
CVGGILAFDALCYSNQPVSESQSSRRGVSVMQDNDLLSPGILMNAAHCCGGGGGGGGGGSSGGGGSS
GGSSLESSRHLRSNVDIPRSNGTEDPKRQLPRKRSDSSTYELDTIQHQAFLLSSHASVLRTEPCSRHS
SSSTMLDGTGALGRDFEITDLFLFGCPLGLVLALRKTIVIPALDVFQLRPACQVYVNLFHPADPSASRLE
PLLERRFHALPPFSVPRYQRYPLGDGCSTLLADVLQTHNAAFQEHGAPSSPGTAPASRGFRRASEISIAS
QVSGMAESYTASSIAQKAPDALSHTPSVRRLSLLALPAPSPTTPGPHPPARKASPLERAPGLPELDIGE
VAAKWWGQKRIDYALYCPDALTAFTPTVALPHLFHASYWESTDVVSFLLRQVMRHDNSSILELDGKEVSFV
TPSKPREKWQRKRTHVKLRNVTANHRINDALANEDGPQVLTGRFMYGPLDMVTLTGEKVDVHIMTQPPSG
EWLYDLTLVTNNSGRVSYTIPESHRLGVGYPIKMMVVRGDHTFADSYITVLPKGTEFVVSIDGSFAASV
SIMGSDPKVRAGAVDVRHWQDLGYLIIYVTGRPDMQKQRVVAWLAQHNFPHGVVSFCDGLVHDPLRHKA
NFLKLLISELHLRVHAAYGSTKDVAVYSAISLSPMQIYIVGRPTKKLQQQCQFITDGAAHLAQLKYSHR
ARPARNTATRMALRKGSFGLPGQDFLRSRNLHLLRTISAQPSGSPSHRHERTQSQADGEQRQSRMSVAAG
CWGRAMTGRLEPGAAAGPK

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

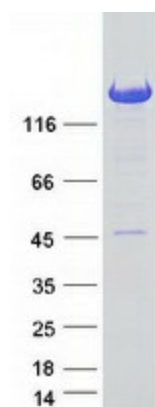
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_065896
RefSeq Size:	6754
RefSeq ORF:	4047
Synonyms:	NIR-3; NIR3; RDGB2; RDGBA2
Locus ID:	57605
UniProt ID:	Q9BZ72 , Q9UF51
Cytogenetics:	12q24.31
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]).