

Recombinant Human PITPNM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PITPNM1-6040H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PITPNM1 MS Standard C13 and N15-labeled recombinant protein (NP_004901) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PITPNM1 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein.
Molecular Mass	134.8 kDa
AA Sequence	MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGSGQ YTHKVYHVGSHIPGWFRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETY YLPDGGQQPNVFNLSGAERRQRILDTIDIVRDAVAPGEYKAEEDPRLYHSVKTRGRP LSDDWARTAAQTGPLMCAYKLCKVEFRYWGMQAKIEQFIHDVGLRRVMLRAHRQA WCWQDEWTELSMADIRALEEETARMLAQRMAKCNTGSEGSEAQP PGK PSTEARS AASNTGTPDGPEAPP GPD ASPDASFGKQWSSSSRSSYSQHGGA VSPQSLSEWR MQNIAR DSENSSEEEFFDAHEGFSDSEEVFPKEMTKWNSNDFIDAFASPVEAEGTP EPGAEAAK GIEDGAQAPRDSEGLDGAGELGAEACAVHALFLILHSGNILD SGPGDAN SKQADVQTLSSAFEAVTRIHFP EALGHVALRLVPCPPICAAAYALVSNLSPYSHDGD SLSRSDHIPLAALPLLATSSSRYQGAVATVIARTNQAYS AFLRSPEGAGFCGQVALI

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GDGVGGILGFDALCHSANAGTGSRGSSRRGSMNNELLSPEFGPVRDPLADGVEGL
 GRGSPEPSALPPQRIPSDMASPEPEGSQNSLQAAPATTSSWEPRRASTAFCPAAS
 SEAPDGPSSTARLDFKVSFFLFGSPLGLVLALRKTVMPALEAAQMRPACEQIYNLF
 HAADPCASRLEPLLAPKFQAIAPLTVPRYQKFPLGDGSSLLLADTLQTHSSLFLEELE
 MLVPSTPTSTSGAFWKGSELATDPPAQAAPSTTSEVVKILERWWGTRIDYSLYC
 PEALTAFPTVTLPHLFHASYWESADVAFILRQVIEKERPQLAECEEPSIYSPAFPRE
 KWQRKRTQVKIRNVTSNHRASDTVCEGRPQVLSGRFMYGPLDVVTLTGEKVDVYI
 MTQPLSGKWIHFGTEVTNSSGRLTFVPPERALGIGVYPVRMVMVRGDHTYAECCLT
 VVARGTEAVVFSIDGSFTASVSIMGSDPKVRAGAVDVVRHWQDSGYLIVYVTGRPD
 MQKHRVVAWLSQHNFPHGVSFCGLDPLRQKAMFLQSLVQEVLELVNIVAGYGS
 PKDVAVYAALGLSPSQTYIVGRAVRKLQAQCQFLSDGYVAHLGQLEAGSHSHASSG
 PPRAALGKSSYGVAAPVDFLRKQSLLRSRGPSSQAEREGPPTTLARGKARSIS
 LKLDSEETRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PITPNM1 phosphatidylinositol transfer protein membrane associated 1 [Homo sapiens (human)]

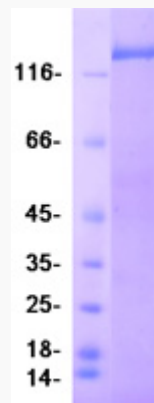
Official Symbol PITPNM1

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Synonyms	Rd9; NIR2; RDGB; DRES9; RDGB1; RDGBA; PITPNM; RDGBA1
Gene ID	9600
mRNA Refseq	NM_004910
Protein Refseq	NP_004901
MIM	608794
UniProt ID	O00562

SDS-PAGE

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