

Product datasheet for **TP304440M**

NIR2 (PITPNM1) (NM_004910) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens phosphatidylinositol transfer protein, membrane-associated 1 (PITPNM1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204440 representing NM_004910 Red =Cloning site Green =Tags(s)

MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGSGQYTHKVYHVGSHIP
 GWFRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETYLLPDGGQPNVFNLSGAERRQRILDT
 IDIVRDAVAPGEYKAEEDPRLYHYSVKTRGRPLSDDWARTAAQTGPLMCAYKLCKVEFRYWGMQAKIEQFI
 HDVGLRRVMLRAHRQAWCWQDEWTELSMADIRALEEETARMLAQRMAKCNTGSEGSEAQPPGKPKSTEAR
 AASNTGTPDGPEAPPDPDASPDASFGKQWSSSSRSSYSQHGGA VSPQSLSEWRMQNIARDSSENSSEEEF
 FDAHEGFSDSEEVFPKEMTKWNSNDFIDAFASPVEAEGTPEPGAEEAAK GIEDGAQAPRDSEGLDGAGELG
 AEACAVHALFLILHSGNILDSPGDANSKQADVQTLSSAFEAVTRIHFPALGHVALRLVPCPPICAAA
 ALVSNLSPYSHDGDLSRSQDHIPLAALPLLATSSSRYQGAVATVIARTNQAYSALRSPGAGFCGQVA
 LIGDVG GILGFDALCHSANAGTGSRGSSRRGSMNNE LLSPFPGPVRDPLADGVEGLGRGSPEPSALPPQ
 RIPSDMASPEPEGSQNSLQAAPATTSSWEPRRASTAFCPAASSEAPDGPSSSTARLDFKVS GFFLFGSPL
 GLVLALRKTVMPALEAAQMRPACEQIYNLFHAADPCASRLP LLAPKFQAIAPLTPRYQKFP LGD GSSL
 LLADTLQTHSSLFLEELEMLVPSTPTSTSGAFWK GSELATDPPAQPAAPSTTSEVVKILERWWGTKRIDY
 SLYCPEALTAFTVTLPHLFHASYWESADVAFILRQVIEKERPQLAECEEPSIYSPAFPREKWQRKRTQ
 VKIRNVTSNHRASDTVCEGRPQVLSGRFMYGPLDVVTLTGEKVDVYIMTQPLSGKWIHFGTEVTNSSGR
 LTFVPPERALGIGVYPVRM VVRGDHTYAECCLT VVARGTEAVVFSIDGSFTASVSIMGSDPKVRAGAVD
 VVRHWQDSGYLIVYVTRPDMQKHRVVAWLSQHNFPHGVV SFC DGLTHDPLRQKAMFLQSLVQEVELNIV
 AGYGSPKDVAVYAALGLSPSQTYIVGRAVRKLQAQCQFLSDGYVAHLGQLEAGSHSHASSGPPRAALGKS
 SYGVAAPVDFLRKQS QLLRSRGP SQAEREGPPTTLARGKARSISL KLDSEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

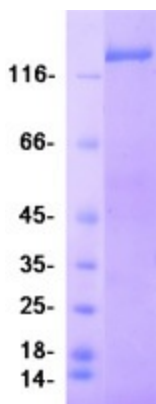
Tag:	C-Myc/DDK
Predicted MW:	134.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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:	<u>NP_004901</u>
Locus ID:	9600
UniProt ID:	<u>O00562</u> , <u>A0A024R5I7</u> , <u>B2R787</u>
RefSeq Size:	4248
Cytogenetics:	11q13.2
RefSeq ORF:	3732
Synonyms:	DRES9; NIR2; PITPNM; Rd9; RDGB; RDGB1; RDGBA; RDGBA1
Summary:	PITPNM1 belongs to a family of membrane-associated phosphatidylinositol transfer domain-containing proteins that share homology with the Drosophila retinal degeneration B (rdgB) protein (Ocana et al., 2005 [PubMed 15627748]).[supplied by OMIM, Mar 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified PITPNM1 protein (Cat# [TP304440]). The protein was produced from HEK293T cells transfected with PITPNM1 cDNA clone (Cat# [RC204440]) using MegaTran 2.0 (Cat# [TT210002]).