

## Product datasheet for TP304440L

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204440 representing NM_004910 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGSGQYTHKVYHVGSHIP  
GWFRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETYLLPDGGQPNVFNLSGAERRQRILDT  
IDIVRDAVAPGEYKAEEDPRLYHYSVKTRGRPLSDDWARTAAQTGPLMCAKLCCKVEFRYWGMQAKIEQFI  
HDVGLRRVMLRAHRQAWCWQDEWTELSMADIRALEEETARMLAQRMAKCNTGSEGSEAQPPGKPEARS  
AASNTGTPDGPEAPPDPDASPDASFGKQWSSSRSSYSQHGGA VSPQSLSEWRMQNIARDSSENSSEEEF  
FDAHEGFSDSEEVFPKEMTKWNSNDFIDAFASPVEAEGTPEPGAEEAAKGIEDGAQAPRDSEGLDGAGELG  
AEACAVHALFLILHSGNILDSPGDANSKQADVQTLSSAFEAVTRIHFPALGHVALRLVPCPPICAAA  
ALVSNLSPYSHDGDLSRSQDHIPLAALPLLATSSSRYQGAVATVIARTNQAYSALRSPGAGFCGQVA  
LIGDVG GILGFDALCHSANAGTGSRGSSRRGSMNELLSPFEGPVRDPLADGVEGLGRGSPEPSALPPQ  
RIPSDMASPEPEGSQNSLQAAPATTSSWEPRRASTAFCPAASSEAPDGPSSSTARLDFKVS GFFLFGSPL  
GLVLALRKTVMPALEAAQMRPACEQIYNLFHAADPCASRLPPLAPKFQAIAPLTPRYQKFPPLGDGSSL  
LLADTLQTHSSLFLEELEMLVPSTPTSTSGAFWKGSELATDPPAQPAAPSTTSEVVKILERWWGTRKIDY  
SLYCEALTAFTVTLPHLFHASYWESADVAFILRQVIEKERPQLAECEEPSIYSPAFPREKWQRKRTQ  
VKIRNVTSNHRASDTVCEGRPQVLSGRFMYGPLDVTLTGEKVDVYIMTQPLSGKWIHFGTEVTNSSGR  
LTFVPPERALGIGVYPVRMVRGDHTYAECLTVVARGTEAVVFSIDGSFTASVSIMGSDPKVRAGAVD  
VVRHWQDSGYLIVYVTRPDMQKHRVVAWLSQHNFPHGVSFC DGLTHDPLRQKAMFLQSLVQEVELNIV  
AGYGSPKDVAVYAALGLSPSQTYIVGRAVRKLQAQCQFLSDGYVAHLGQLEAGSHSHASSGPPRAALGKS  
SYGVAAPVDFLRKQSQLLRSRGPQAEREGPTPTTLARGKARSISLKL DSEE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

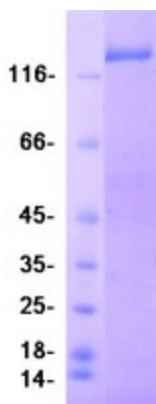
Tag:	C-Myc/DDK
Predicted MW:	134.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_004901</u>
<b>Locus ID:</b>	9600
<b>UniProt ID:</b>	<u>O00562</u> , <u>A0A024R5I7</u> , <u>B2R787</u>
<b>RefSeq Size:</b>	4248
<b>Cytogenetics:</b>	11q13.2
<b>RefSeq ORF:</b>	3732
<b>Synonyms:</b>	DRES9; NIR2; PITPNM; Rd9; RDGB; RDGB1; RDGBA; RDGBA1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).