

## Product datasheet for PH304440

### NIR2 (PITPNM1) (NM\_004910) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PITPNM1 MS Standard C13 and N15-labeled recombinant protein (NP_004901)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204440
Predicted MW:	134.8 kDa
Protein Sequence:	>RC204440 representing NM_004910 Red=Cloning site Green=Tags(s)

MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGSGQYTHKVVYHVGSHIP  
GWFRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETYLPDGGQPNVFNLSGAERRQRILDT  
IDIVRDAVAPGEYKAEEDPRLYHSVKTGRGPLSDDWARTAAQTGPLMCAVKLCKVEFRYWMQAKIEQFI  
HDVGLRRVMLRAHRQAWCWQDEWTEL SMADIRALEEETARMLAQRMAKCN TGSEGSAQPPGK PSTEARS  
AASNTGTPDGPEAPPDPDASPDASFGKQWSSSRSSSYSSQHGGAVSPQSLSEWRM QNIARSENSEEEF  
FDAHEGFSDSEEVFPKEMTKWNSNDFIDAFASPVEAEGTPEPGAEEAAKGI EDGAQAPR DSEGLD GAGELG  
AEACAVHALFLILHSGNILDSPGPDANSKQADVQTLSSAFEAVTR IHFPEALGHVALRLVPCPPICAAAAY  
ALVSNLSPYSHDGDLSRSQDHIPLAALPLLATSSRYQGAVATVIARTNQAYS AFLRSPEGAGFCGQVA  
LIGDGVGGILGFDALCHSANAGTSGRSGRRGSMNELL SPEFGPVRDPLADGVEGLGRGSPESALPPQ  
RIPSDMASPEPEGSQNSLQAAPATTSSWEP RRASTAF CPPAASSEAPDGPSSSTARLDFKVS GFFLFGSPL  
GLVLALRKTVM PALEAAQMRP ACEQIYNLFHAADPCASRLEPLLAPKFQAIAPLTVPRYQK FPLGDGSSL  
LLADTLQTHSSLFLEEEMLVPSTPTSTSGAFWK GSELA DPPAQAAPSTTSEVVKIL ERWWTGRIDY  
SLYCPEALTAFTVTLPHLFHASYWESADVVAFILRQVIEKERPQLAECEEPSIYSPAFPREKWRKRTQ  
VKIRNVT SNHRASDTV VCEGRPQVLSGRFMYGPLDVVTLTGEKVDVYIMTQPLSGKWIHFGEVTNSSGR  
LTFPVPPERALGIGVYPVRM VVRGDHTYAECLTVVARGTEAVVFSIDGSFTASVSIMGSDPKVRAGAVD  
VVRHWQDSGYLIVYVTRPDMQKHRVVAWL SQHNFPHG VVSFCDGLTHDPLRQKAMFLQSLVQEVELNIV  
AGYGS PKDVAVYAALGLSPSQTYIVGRAVRK LQAQCQFLSDGYVAHLGQLEAGSHSHASSGPPRAALGKS  
SYGVAAPVDFLRKQS QLLRSRGP SQAEREGPPTTLARGKARSISLKL DSEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

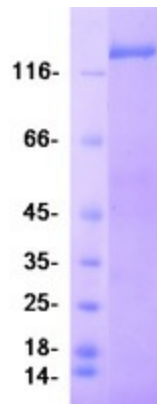
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine



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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:	<a href="#">NP_004901</a>
RefSeq Size:	4248
RefSeq ORF:	3732
Synonyms:	DRES9; NIR2; PITPNM; Rd9; RDGB; RDGB1; RDGBA; RDGBA1
Locus ID:	9600
UniProt ID:	<a href="#">O00562</a> , <a href="#">A0A024R5I7</a> , <a href="#">B2R787</a>
Cytogenetics:	11q13.2
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 (Ocaña 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]).