

Product datasheet for PH319053

NIR1 (PITPNM3) (NM_031220) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PITPNM3 MS Standard C13 and N15-labeled recombinant protein (NP_112497)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219053
Predicted MW:	106.6 kDa
Protein Sequence:	>RC219053 representing NM_031220 Red=Cloning site Green=Tags(s)

MAKAGRAGGPPPGGGAPWHLRNVLSDSVESSDDEFFDAREEMAEGKNAILIGMSQWNSNDLVEQIETMGK
LDEHQEGGTAPCTSSILQEKQRELYRVSLRRRQRFPAQGSIEIHEDSEEGCPQRSCKTHVLLLVLHGGNII
DTGAGDPSCKAADIHTFSSVLEKVTRAHFPAALGHILIKFVPCPAICSEAFSLVSHLNPYSHDEGLSSS
QDHVPLAALPLLAISSPQYQDAVATVIERANQVYREFLKSSDGIGFSGQVCLIGDCVGGLLAFDAICYSA
GPSGDSPASSSRKGSISSTQDTPVAVEEDCSLASSKRLSKSNIDISSGLEDEEPKRPLPRKQSDSSTYDC
EAITQHHAFLSSIHSSVLKDESETPAAGGPQLPEVSLGRFDFDVSDFFLFGSPLGLVLMARRRTPGLDG
FQVRPACSQVYSFFHCADPSASRLEPLLEPKFHLVPPVSVPRYQRFPLGDGQSLLLADALHTHSPLFLEG
SSRDSPPLLDAPASPPQASRFQRPGRMSEGSSHSESSSDSMAPVGASRITAKWWGSKRIDYALYCPD
VLTAFPTVALPHLFHASWYESTDVVAFILRQVMRYESVNIKESARLDPAALSPANPREKWLKRRTQVKLR
NVTANHRANDVIAAEDGPQVLVGRFMYGPLDMVALTGEKVDILVMAEPSSGRWVHLDTEITNSSGRITYN
VPRRRLGVGVYVKMVVRGDQTCAMSYLTVLPRGMECVVFSIDGSFAASVSIMGSDPKVRPGAVDVVRH
WQDLGYMILYITGRPDMQKQRVVSWSLQHNFPQGMIFFSDDLVDPLRQKAIFLRNLMQECFIKISAAAYG
STKDISVYSVLGLPASQIFIVGRPTKKYQTQCQFLSEGAAHLAALEASHRSRPKKNNSRMILRKGSGFL
HAQPEFLRKRNLRRMTSVQQPDPPAANPKPERAQSQPESDKDHERPLPALSWARGPPKFESVP

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- 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.



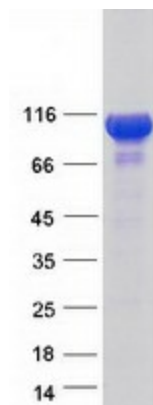
[View online »](#)

RefSeq: [NP_112497](#)
RefSeq Size: 3109
RefSeq ORF: 2922
Synonyms: ACKR6; CORD5; NIR1; RDGBA3
Locus ID: 83394
UniProt ID: [Q9BZ71](#)
Cytogenetics: 17p13.2-p13.1

Summary: This gene encodes a member of a family of membrane-associated phosphatidylinositol transfer domain-containing proteins. The calcium-binding protein has phosphatidylinositol (PI) transfer activity and interacts with the protein tyrosine kinase PTK2B (also known as PYK2). The protein is homologous to a Drosophila protein that is implicated in the visual transduction pathway in flies. Mutations in this gene result in autosomal dominant cone dystrophy. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PITPNM3 protein (Cat# [TP319053]). The protein was produced from HEK293T cells transfected with PITPNM3 cDNA clone (Cat# [RC219053]) using MegaTran 2.0 (Cat# [TT210002]).