

Product datasheet for TP319053

NIR1 (PITPNM3) (NM_031220) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human PITPNM family member 3 (PITPNM3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC219053 representing NM_031220
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAKAGRAGGPPPGGGAPWHLRNVLSDSVESDDEFFDAREEMAEGKNAILIGMSQWNSNDLVEQIETMGK
LDEHQEGGTAPCTSSILQEKQRELYRVSLRRQRFPFAQGSIEIHEDSEEGCQRSCKTHVLLLVLHGGNIL
DTGAGDPSCKAADIHTFSSVLEKVTRAHFPAALGHILIKFVPCPAICSEAFSLVSHLNPYSHDEGLSSS
QDHVPLAALPLLAISSPQYQDAVATVIERANQVYREFLKSSDGIGFSGQVCLIGDCVGGLLAFDAICYSA
GPSGDSPASSSRKGSISSTQDTPVAVEEDCSLASSKRLSKSNIDISSGLEDEEPRKPLPRKQSDSSTYDC
EAITQHHAFLSSIHSSVLKDESETPAAGGPQLPEVSLGRFDFVSDFFLFGSPLGLVLAMRRTVLPGLDG
FQVRPACSQVYFFHCADPSASRLEPLLEPKFHLVPPVSVPRYQRFPLGDGQSLLLADALHTHSPLFLEG
SSRDSPPLLDAPASPPQASRFQRPGRMSESSSHSESSSDSMAPVGASRITAKWWGSKRIDYALYCPD
VLTAFPTVALPHLFHASYWESTDVAFILRQVMRYESVNIKESARLDPAALSPANPREKWLKRRTQVKLR
NVTANHRANDVIAAEDGPQVLVGRFMYGPLDMVALTGEKVDILVMAEPSSGRWVHLDTEITNSSGRITYN
VPRPRRLGVGVYPVKMVVVRGDQTCAMSYLTVLPRGMECVVFSIDGSFAASVSIMGSDPKVVRPGAVDVVRH
WQDLGYMILYITGRPDMQKQRVVSWLSQHNFPQGMIFSDGLVHDPLRQKAIFLRNLMQECFIKISAAYG
STKDISVYVLGLPASQIFIVGRPTKKYQTQCQFLSEGAAHLAALASHRSRPPKKNNSRMILRKGSFGL
HAQPEFLRKRNLHRRRTMSVQQPDPPAANPKPERAQSQPESDKDHERPLPALSWARGPPPKFESVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

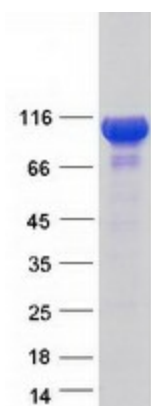
Tag:	C-Myc/DDK
Predicted MW:	106.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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