

## Product datasheet for **TP319053M**

### **NIR1 (PITPNM3) (NM\_031220) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human PITPNM family member 3 (PITPNM3), 100 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  
SSRDSPLLDPASPPQASRFQRPGRMSESSHSESSSDSMAPVGASRITAKWWGSKRIDYALYCPD  
VLTAFPTVALPHLFHASYWESTDVAFILRQVMRYESVNIKESARLDPAALSPANPREKWLKRRTQVKLR  
NVTANHRANDVIAAEDGPQVLVGRFMYGPLDMVALTGEKVDILVMAEPSSGRWVHLDTEITNSSGRITYN  
VPRRRLGVGVYPVKMVRGDQTCAMSYLTVLPRGMECVVFSIDGSFAASVSIMGSDPKVRPGAVDVRH  
WQDLGYMILYITGRPDMQKQRVSWLSQHNFPQGMIFSDGLVHDPLRQKAIFLRNLMQECFIKISAAYG  
STKDISVYVLGLPASQIFIVGRPTKKYQTQCQFLSEGAAHAALEASHRSRPPKKNNSRMILRKGSGFL  
HAQPEFLRKRNLHRRRTMSVQQPDPPAANPKPERAQSQPESDKDHERPLPALSWARGPPKPFESVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

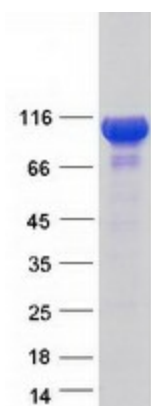
**Tag:** C-Myc/DDK  
**Predicted MW:** 106.6 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein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



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<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>	<a href="#">NP_112497</a>
<b>Locus ID:</b>	83394
<b>UniProt ID:</b>	<a href="#">Q9BZ71</a>
<b>RefSeq Size:</b>	3109
<b>Cytogenetics:</b>	17p13.2-p13.1
<b>RefSeq ORF:</b>	2922
<b>Synonyms:</b>	ACKR6; CORD5; NIR1; RDGBA3
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).