

# Recombinant Human PITPNM3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PITPNM3-6484H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	PITPNM3 MS Standard C13 and N15-labeled recombinant protein (NP_112497) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</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.
<b>Molecular Mass</b>	106.6 kDa
<b>AA Sequence</b>	MAKAGRAGGPPPGGGAPWHLRNVLSDSVESDDEFFDAREEMAEGKNAILIGMSQ WNSNDLVEQIETMGKLDEHQGEGTAPCTSSILQEKKRELYRVSLRRQRFPAQGSIEI HEDSEEGCPQRSCKTHVLLLVLHGGNILDGTAGDPSCKAADIHTFSSVLEKVTRAHF PAALGHILIKFVPCPAICSEAFSLVSHLNPYSHDEGCLSSSQDHVPLAALPLLAISSPQ YQDAVATVIERANQVYREFLKSSDGIGFSGQVCLIGDCVGGLLAFDAICYSAGPSGD SPASSSRKGSISSTQDTPVAVEEDCSLASSKRLSKSNIDISSGLEDEEPPKRPLPRKQS

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DSSTYDCEAITQHHAFSSIHSSVLKDESETPAAGGPQLPEVSLGRFDFDVSDFFLF  
 GSPLGLVLAMRRTVLPGLDGFQVRPACSQVYSFFHCADPSASRLEPLLEPKFHLVP  
 PVSVPYRQRFPLGDGQSLLLADALHTHSPLFLEGSSRDSPPLLDAPASPPQASRFQ  
 RPPGRRMSEGSSESSSESSDSMAPVGASRITAKWWGSKRIDYALYCPDVLTAFTV  
 ALPHLFHASYWESTDVVAFILRQVMRYESVNIKESARLDPAAALSPANPREKWLRKRT  
 QVKLRNVTANHRANDVIAAEDGPQVLVGRFMYGPLDMVALTGEKVDILVMAEPSSG  
 RWWHLDTEITNSSGRITYNVPRRRLGVGVYPVKMVVRGDQTCAMSYLTVLPRGME  
 CVVFSIDGSFAASVSIMGSDPKVRPGAVDVVRHWQDLGYMILYITGRPDMQKQRVV  
 SWLSQHNFPQGMIFSDGLVHDPLRQKAIFLRNLMQECFIKISAAYGSTKDISVYSVL  
 GLPASQIFIVGRPTKKYQTQCQLFSEGAAHLAALEASHRSRPKKNNSRMILRKGSF  
 GLHAQPEFLRKRNLRRRTMSVQQPDPPAANPKPERAQSQPESDKDHERPLPALSW  
 ARGPPKFESVPTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** PITPNM3 PITPNM family member 3 [ Homo sapiens (human) ]

**Official Symbol** PITPNM3

**Synonyms** PITPNM3; PITPNM family member 3; membrane-associated phosphatidylinositol

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transfer protein 3; NIR1; RDGBA3; NIR-1; PITPnm 3; retinal degeneration B alpha 3; PYK2 N-terminal domain-interacting receptor 1; phosphatidylinositol transfer protein, membrane-associated 3; CORD5; MGC157740; MGC157741;

**Gene ID** [83394](#)

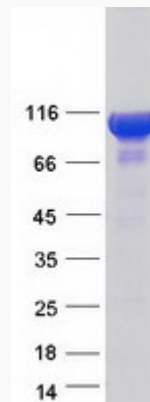
**mRNA Refseq** [NM\\_031220](#)

**Protein Refseq** [NP\\_112497](#)

**MIM** [608921](#)

**UniProt ID** [Q9BZ71](#)

**SDS-PAGE**



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