

Recombinant Human PITPNM3 protein, MYC/DDK-tagged

Cat. No. PITPNM3-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PITPNM3 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	106.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Official Symbol	http://www.ncbi.nlm.nih.gov/gene/83394
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Synonyms	PITPNM3; PITPNM family member 3; membrane-associated phosphatidylinositol 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
Chromosome Location	17p13
Function	calcium ion binding; lipid binding; phosphatidylinositol transporter activity; protein binding; receptor tyrosine kinase binding;

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