

## Recombinant Mouse Pitpnm1 Protein, Myc/DDK-tagged

Cat. No. Pitpnm1-4880M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length phosphatidylinositol transfer protein, membrane-associated 1 (Pitpnm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Catalyzes the transfer of phosphatidylinositol (PI) between membranes. Binds PI. Also binds phosphatidylcholine (PC) and phosphatidic acid (PA) with the binding affinity order of PI > PA > PC. Regulates RHOA activity, and plays a role in cytoskeleton remodeling. Necessary for normal completion of cytokinesis. Plays a role in maintaining normal diacylglycerol levels in the Golgi apparatus. Necessary for maintaining the normal structure of the endoplasmic reticulum and the Golgi apparatus. Required for protein export from the endoplasmic reticulum and the Golgi. Binds calcium ions.
<b>Molecular Mass</b>	134.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Concentration** >50 µg/mL as determined by microplate BCA method

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Pitpnm1 phosphatidylinositol transfer protein, membrane-associated 1 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Pitpnm1](#)

**Synonyms** Pitpnm1; phosphatidylinositol transfer protein, membrane-associated 1; DRE; Rd9; Rdg; RdgB; DRES9; Mpt-1; Nir-2; RdgB1; Pitpnm; R75447; PITPnm 1; membrane-associated phosphatidylinositol transfer protein 1; drosophila retinal degeneration B homolog 1; pyk2 N-terminal domain-interacting receptor 2; retinal degeneration 9

**Gene ID** [18739](#)

**mRNA Refseq** [NM\\_008851](#)

**Protein Refseq** [NP\\_032877](#)

**UniProt ID** [O35954](#)

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