

Recombinant Mouse Pitpnm1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphatidylinositol transfer protein, membrane-associated 1 (Pitpnm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	134.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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

 Email: 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](#)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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