

## Recombinant Human PITPNM1 Protein (1-238 aa), GST-tagged

Cat. No. PITPNM1-1187H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PITPNM1 Protein (1-238 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Transport. Protein Description: Partial.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-238 aa
<b>Description</b>	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. Binds phosphatidyl inositol phosphates (in vitro). May catalyze the transfer of phosphatidylinositol and phosphatidylcholine between membranes. 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. 4 Publications.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	54.5 kDa
<b>AA Sequence</b>	MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGSGQ YTHKVYHVGSHIPGWFRRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETY YLPDGGQQPNVFNLSGAERRQRILDTIDIVRDAVAPGEYKAEEDPRLYHSVKTGRGP

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	LSDDWARTAAQTGPLMCAYKLCKVEFRYWGMQAKIEQFIHDVGLRRVMLRAHRQA WCWQDEWTELSM
<b>Purity</b>	> 90% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

<b>Gene Name</b>	PITPNM1 phosphatidylinositol transfer protein, membrane-associated 1 [ Homo sapiens ]
<b>Official Symbol</b>	PITPNM1
<b>Synonyms</b>	Rd9; NIR2; RDGB; DRES9; RDGB1; RDGBA; PITPNM; RDGBA1;
<b>Gene ID</b>	9600
<b>mRNA Refseq</b>	NM_004910.2
<b>Protein Refseq</b>	NP_004901.2

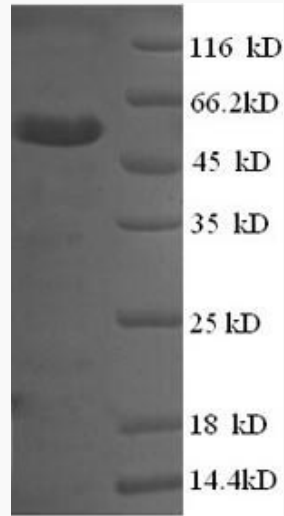
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MIM 608794

UniProt ID O00562



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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