

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	1-238 aa
Description	Regulates RHOA activity, and plays a role in cytoskeleton rodeling. 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 mbranes . 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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	54.5 kDa
AA Sequence	MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGSGQ YTHKVYHVGSHIPGWFRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETY YLPDGGQQPNVFNLSGAERRQRILDTIDIVRDAVAPGEYKAEEDPRLYHSVKTGRGP

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	LSDDWARTAAQTGPLMCAYKLCKVEFRYWGMQAKIEQFIHDVGLRRVMLRAHRQA WCWQDEWTELSM
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	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.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

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

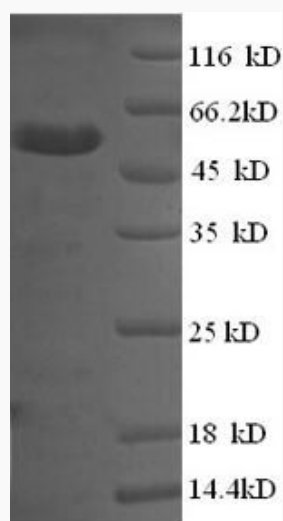
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MIM 608794

UniProt ID O00562



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

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