

Datasheet for ABIN7479259

PITPNM1 Protein (AA 1-238, partial) (GST tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	PITPNM1
Protein Characteristics:	AA 1-238, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PITPNM1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	MLIKEYHILL PMSLDEYQVA QLYMIQKKS R EESSGEGSGV EILANRPYTD GPGGSGQYTH KVYHVGSHIP GWFRALLPKA ALQVEEESWN AYPYTRTRYT CPFVEKFSIE IETYYLPDGG QQPNVFNLSG AERRQRILDT IDIVRDAVAP GEYKAEEDPR LYHSVKTGRG PLSDDWARTA AQTGPLMCAY KLCKVEFRYW GMQAKIEQFI HDVGLRRVML RAHRQAWCWQ DEWTELSM
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	95 %

Target Details

Target:	PITPNM1
Alternative Name:	Membrane-associated phosphatidylinositol transfer protein 1 protein (PITPNM1 Products)

Target Details

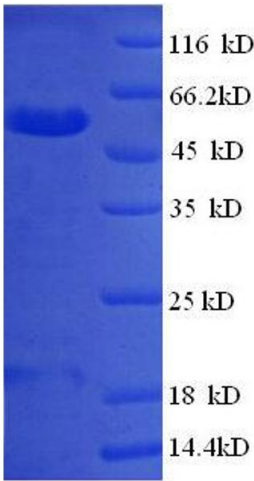
Background:	Regulates RHOA activity, and plays a role in cytoskeleton remodeling. Necessary for normal completion of cytokinesis. Plays a role in maintaining normal diacylglycerol levels in the Golgi apparatus. Binds phosphatidyl inositol phosphates (in vitro). May catalyze the transfer of phosphatidylinositol and phosphatidylcholine between membranes By similarity. 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 Weight:	54.9 kD
UniProt:	O00562

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C



SDS-PAGE

Image 1. Phosphatidylinositol Transfer Protein, Membrane-Associated 1 (PITPNM1) (AA 1-238), (partial) protein (GST tag)