

Product datasheet for **TP511846**

Pitpnm1 (NM_008851) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse phosphatidylinositol transfer protein, membrane-associated 1 (Pitpnm1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211846 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MLIKEYHILLPMSLDEYQVAQLYMIQKKSREESSGEGSGVEILANRPYTDGPGGNGQYTHKVYHVGSHIP
 GWFRALLPKAALQVEEESWNAYPYTRTRYTCPFVEKFSIEIETYLPDGGQQPNVFNLSGAERRQRIVDT
 IDIVRDAVAPGEYKAEDPRLYSAKTGRGPLADDWARTAAQTGPLMCAYKLCKVEFRYWGMQAKIEQFI
 HDVGLRRVMLRAHRQAWCWQDEWIELSMADIRALEEETARMLAQRMAKCNTGSEGPEAQTGPKSSTEARP
 GTSTAGTPDGPEAPPDPDASPDASFGKQWSSSSRSSYSQHGSGVSPQSLSEWRMQNIARDSSENSSEEEF
 FDAHEGFSDSDEVFPKEMTKWNSNDFIDAFASPTVEGVPDPTVMATKGIEDGARAPRDEGLDGAGDLV
 VEACSVHALFLIHSGSILDSGPGDTNSKQADVQTLSTAFEAVTRVHFPEALGHVALRLVPCPPICAAAY
 ALVSNLSPYSHDGDLSRSQDHIPLAALPLLATSSRYQGAVATVIARTNQAYAAFLLRSSEGTGFCGQVV
 LIGDVGILGFDALCHSASAGPGSRGSSRRGSMNNEMLSPEVGPVRDPLADGVEVLGRASPEPSALPAQ
 RTFSDMANPDPDGSQNSLQVASTATSSGEPRASTASCPASSEAPDGPTNAARLDFKVSFFLFGSPLG
 LVLALRKTVMPALEVAQLRPAEQIYNLFHAADPCASRLEPLLAPKFQAIAPLAVPRYQKFLPLGDGSSLL
 LADTLQTHSSLFLEELEMMVPSTPTSASGAFWKGSSELGNEPASQTAAPSTTSEVVKILDRWWGNKRIDYS
 LYCPEALTAFPTVTLPHLFHASYWESADVAFILRQVIEKERPQLTECEPSIYSPAFPREKWQRKRTQV
 KIRNVTSNHRASDTVCEGRPQVLNGRFMYGPLDVVTLTGEKVDVYVMTQPLSGKWIHFGEVTNSSGRL
 TFPVPSERALGIGVYPVRMVRGDHTYAECLTVVSRGTEAVVFSIDGSFTASVSIMGSDPKVRAGAVDV
 VRHWQDSGYLIVYVTRPDMQKHRVVAWLSQHNFPHGWSFCDLTHDPLRQKAMFLQSLVQEVELNIVA
 GYGSPKDVAVYAALGLSPSQTYIVGRAVRKLQAQCQFLSDGYVAHLGQLEAGSHSHAPSGPPRAALAKSS
 YAVAAPVDFLRKQSLLRSRGPQVDREGPGTPPTTLARGKTRISLKLDDSEE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	134.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032877
Locus ID:	18739
UniProt ID:	O35954
RefSeq Size:	4533
Cytogenetics:	19 3.81 cM
RefSeq ORF:	3732
Synonyms:	DRES9; Mpt-1; Nir-2; Pitpnm; PITPnm 1; R75447; Rd9; RdgB; RdgB1
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]