

# Product Information

## MemDX™ Membrane Protein Human PITPNA (Phosphatidylinositol transfer protein alpha) for Antibody Discovery

Cat. No.: **MP1022X**

This product is for research use only and is not intended for diagnostic use.

This product is a 58.2 kDa Human PITPNA membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

PITPNA

#### Protein Length

Full-length

#### Molecular Weight

58.2 kDa

#### Sequence

MVLLKEYRVILPVSVD EYQVGQLYSVAEASKNETGGGEGVEVLVNEPYEKDGEKGQYTHKIYHLQSKVPTFVRMLAPEGALNIHEK

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Form

Liquid

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Buffer

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

### Storage

Store at +4°C for up to one week or several months at -80°C

### Target

### Target Protein

PITPNA

### Full Name

Phosphatidylinositol transfer protein alpha

### Introduction

This gene encodes a member of a family of lipid-binding proteins that transfer molecules of phosphatidylinositol or phosphatidylcholine between membrane surfaces. The protein is implicated in phospholipase C signaling and in the production of phosphatidylinositol 3,4,5-trisphosphate (PIP3) by phosphoinositide-3-kinase.

### Alternative Names

PITPN; VIB1A; HEL-S-36; PI-TPalpha; phosphatidylinositol transfer protein alpha isoform; epididymis secretory protein Li 36; ptdIns transfer protein alpha; ptdInsTP alpha

### Gene ID

[5306](#)

### UniProt ID

[Q00169](#)