

Product Information

MemDX™ Membrane Protein Human PIP4K2B (Phosphatidylinositol-5-phosphate 4-kinase type 2 beta) expressed by *in vitro* wheat germ expression system for Antibody Discovery

Cat. No.: **MP1021X**

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

This product is a 56.65 kDa Human PIP4K2B 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

PIP4K2B

Protein Length

Full-length

Molecular Weight

56.65 kDa

Sequence

MSSNCTSTTAVAVAPLSASKTKTKKKHFVCQKVKLFRASEPILSVLMWGVNHTINELSNVPVPVMLMPDDFKAYSKIKVDNHLFNKE

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

PIP4K2B

Full Name

Phosphatidylinositol-5-phosphate 4-kinase type 2 beta

Introduction

The protein encoded by this gene catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family. The encoded protein sequence does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, the encoded protein interacts with p55 TNF receptor.

Alternative Names

PI5P4KB; PIP5K2B; PIP5KIIB; PIP5P4KB; PIP5KIIBeta; phosphatidylinositol 5-phosphate 4-kinase type-2 beta; 1-phosphatidylinositol 5-phosphate 4-kinase 2-beta; 1-phosphatidylinositol-4-phosphate kinase; PI(5)P 4-kinase type II beta; PIP4KII-beta; PTDINS(4)P-5-kinase; diphosphoinositide kinase 2-beta; phosphatidylinositol 5-phosphate 4-kinase type II beta; phosphatidylinositol-4-phosphate 5-kinase, type II, beta

Gene ID

[8396](#)

UniProt ID

[P78356](#)