

Product Information

MemDX™ Membrane Protein Human PIP4K2B (Phosphatidylinositol-5-phosphate 4-kinase type 2 beta) expressed by Baculovirus for Antibody Discovery

Cat. No.: **MP1020X**

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

This product is a 71.71 kDa Human PIP4K2B membrane protein expressed in Baculovirus. 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

71.71 kDa

Sequence

MSSNCTSTTAVAVAPLSASKTKTKKKHFVCQKVKLFRASEPILSVLMWGVNHTINELSNV
PVPVMLMPDDFKAYSKIKVDNHLFNKENLPSRFKFKEYCPMVFRNLRERFGIDDQDYQNS
VTRSAPINSDSQGRGTRFLTTYDRRFVIKTVSSEDVAEMHNILKKYHQFIVECHGNTLL
PQFLGMYRLTVDGVETYMVVTRNVFSHRLTVHRKYDLKGSTVAREASDKEKAKDLPTFKD
NDFLNEGQKLHVGEESKKNFLEKLKRDVEFLAQLKIMDYSLLVGIHDVDRAEQEEMEVEE
RAEDEECENDGVGGNLLCSYGTTPDSPGNLLSFPRFFGPGEFDPVSDVYAMKSHESPCK
EYVFMAIIDILTPYDTKKKAHAHAAKTVKHGAGAEISTVNPEQYSKRFNEFMSNILT

Product Description

Application

Functional Study

Expression Systems

Baculovirus

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione sepharose chromatography

Purity

0.95

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](#)