

Product Information

MemDX™ Membrane Protein Human PIP4P2 (Phosphatidylinositol-4,5-bisphosphate 4-phosphatase 2) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX1504K**

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

This product is a Human PIP4P2 membrane protein expressed *in vitro* E.coli 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

PIP4P2

Protein Length

Full Length

Protein Class

Receptor

TMD

2

Sequence

MAADGVDERSPLLSASHSGNVTPTAPPYLQESSPRAELPPPYTAIASPDASGIPVINCRVCQSLINLDGKLHQHVVKCTVCNEATPIK

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

PIP4P2

Full Name

Phosphatidylinositol-4,5-bisphosphate 4-phosphatase 2

Introduction

TMEM55A catalyzes the degradation of phosphatidylinositol 4,5-bisphosphate (PtdIns-4,5-P2) by removing the 4-phosphate.

Alternative Names

PIP4P2; TMEM55A; type 2 phosphatidylinositol 4,5-bisphosphate 4-phosphatase; PtdIns-4,5-P(2) 4-phosphatase type II; ptdIns-4,5-P2 4-Ptase II; transmembrane protein 55A; type 2 PtdIns-4,5-P2 4-Ptase; type II PtdIns-4,5-P(2) 4-phosphatase; type II phosphatidylinositol 4,5-bisphosphate 4-phosphatase; Phosphatidylinositol-4,5-bisphosphate 4-phosphatase 2

Gene ID

[55529](#)

UniProt ID

[Q8N4L2](#)