

Product Information

MemDX™ Membrane Protein Human PPP4R3A (Protein phosphatase 4 regulatory subunit 3A) for Antibody Discovery

Cat. No.: **MP1280X**

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

This product is a 121.8 kDa Human PPP4R3A 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

PPP4R3A

Protein Length

Full-length

Molecular Weight

121.8 kDa

Sequence

MTDTRRRVKVYTLNEDRQWDDRGTHGVSSGYVERLKGMSLLVRAESDGSLLLESKINPNTAYQKQQDTLIVWSEAENYDLALSFO

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

Protein Format

Liposome

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0

Storage

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

Target**Target Protein**

PPP4R3A

Full Name

Protein phosphatase 4 regulatory subunit 3A

Introduction

Regulatory subunit of serine/threonine-protein phosphatase 4. May regulate the activity of PPP4C at centrosomal microtubule organizing centers. The PPP4C-PPP4R2-PPP4R3A PP4 complex specifically dephosphorylates H2AX phosphorylated on 'Ser-140' (gamma-H2AX) generated during DNA replication and required for DNA DSB repair.

Alternative Names

smk1; FLFL1; PP4R3; SMEK1; smk-1; PP4R3A; MSTP033; KIAA2010; serine/threonine-protein phosphatase 4 regulatory subunit 3A; SMEK homolog 1, suppressor of mek1

Gene ID

[55671](#)

UniProt ID

[Q6IN85](#)