

Product Information

MemDX™ Membrane Protein Human PTPRCAP (Protein tyrosine phosphatase receptor type C associated protein) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1354K**

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

This product is a Human PTPRCAP 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

PTPRCAP

Protein Length

Full Length

Protein Class

Receptor

TMD

1

Sequence

MALPCTLGLGMLLALPGALGSGGSAEDSVGSSSVTVVLLLLLTLATGLALAWRRLSRDGGYYHPARLGAALWGRTRRLWAS

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

PTPRCAP

Full Name

Protein tyrosine phosphatase receptor type C associated protein

Introduction

The protein encoded by this gene was identified as a transmembrane phosphoprotein specifically associated with tyrosine phosphatase PTPRC/CD45, a key regulator of T- and B-lymphocyte activation. The interaction with PTPRC may be required for the stable expression of this protein.

Alternative Names

PTPRCAP; LPAP; CD45-AP; protein tyrosine phosphatase receptor type C-associated protein; CD45 associated protein; PTPRC-associated protein; lymphocyte phosphatase-associated phosphoprotein; protein tyrosine phosphatase, receptor type, c polypeptide-associated protein; Protein tyrosine phosphatase receptor type C associated protein

Gene ID

[5790](#)

UniProt ID

[Q14761](#)