

## 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

MALPCTLGLGMLLALPGALGSGGSAEDSVGSSSVTVLLLLLLLLLLATGLALAWRRLSRDSGGYHPARLGAALWGRTRRLLWASF

#### 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](#)