

Product Information

MemDX™ Membrane Protein Human PODXL (Podocalyxin like) Expressed in Yeast with 6xHis tag at the N-terminus for Antibody Discovery, Partial (32-458aa)

Cat. No.: **MPX4226K**

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

This product is a 46.2kDa Human PODXL membrane protein expressed in Yeast. 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

PODXL

Protein Length

Partial (32-458aa)

Protein Class

Cell adhesion

Molecular Weight

46.2kDa

TMD

1

Sequence

QNATQTTTDDSSNKTAPTPASSVTIMATDTAQQSTVPTSKANEILASVKATTLGVSSDSPGTTTLAQQVSGPVNTTVARGGGSGNPT

Product Description

Expression Systems

Yeast

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

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**

PODXL

Full Name

Podocalyxin like

Introduction

This gene encodes a member of the sialomucin protein family. The encoded protein was originally identified as an important component of glomerular podocytes. Podocytes are highly differentiated epithelial cells with interdigitating foot processes covering the outer aspect of the glomerular basement membrane. Other biological activities of the encoded protein include: binding in a membrane protein complex with Na⁺/H⁺ exchanger regulatory factor to intracellular cytoskeletal elements, playing a role in hematopoietic cell differentiation, and being expressed in vascular endothelium cells and binding to L-selectin.

Alternative Names

PODXL; PC; PDX; PCLP; Gp200; gp135; PCLP-1; PODXL1; podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1; Podocalyxin like

Gene ID

[5420](#)

UniProt ID

[O00592](#)