

Product Information

MemDX™ Membrane Protein Human PDPN (Podoplanin) Full Length

Cat. No.: **MPC1014K**

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

This product is a 16.6 kDa Human PDPN membrane protein expressed in HEK293. 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

PDPN

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

16.6 kDa

TMD

1

Sequence

MWKVSALLFVLGSASLWVLAEGASTGQPEDDTETTGLEGGVAMPGAEDDV
VTPGTSEDTRYKSGLTTLVATSVNSVTGIRIEDLPTSESTVHAQEQSPSAT
ASNVATSHSTEKVDGDTQTTVEKDGLSTVTLVGIIIVGVLLAIGFIGAIIV
VVMRKMSGRYSP

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

PDPN

Full Name

Podoplanin

Introduction

This gene encodes a type-I integral membrane glycoprotein with diverse distribution in human tissues. The physiological function of this protein may be related to its mucin-type character. The homologous protein in other species has been described as a differentiation antigen and influenza-virus receptor. The specific function of this protein has not been determined but it has been proposed as a marker of lung injury. Alternatively spliced transcript variants encoding different isoforms have been identified.

Alternative Names

PDPN; T1A; GP36; GP40; Gp38; OTS8; T1A2; TI1A; T1A-2; AGGRUS; HT1A-1; PA2.26; PA2.26 antigen; T1-alpha; glycoprotein 36; glycoprotein, 36-KD; hT1alpha-1; hT1alpha-2; lung type I cell membrane associated glycoprotein; lung type-I cell membrane-associated glycoprotein (T1A-2); Podoplanin

Gene ID

[10630](#)

UniProt ID

[Q86YL7](#)