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Datasheet for ABIN667074

Podoplanin Protein (PDPN) (AA 99-207) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	Podoplanin (PDPN)
Protein Characteristics:	AA 99-207
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Podoplanin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	PDPN, 99-207aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	Podoplanin (PDPN)
Alternative Name:	PDPN (PDPN Products)
Background:	Podoplanin(PDPN) is a small mucin-like transmembrane protein, widely expressed in various specialized cell types throughout the body. This is 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. Recombinant human PDPN protein, fused

Target Details

to His-tag at N-terminus, was expressed in E.coli and purified by conventional chromatography techniques. Synonyms: T1A, GP36, GP40, Gp38, OTS8, T1A-2, HT1A-1, PA2.26, Lung type-I cell membrane-associated glycoprotein isoform a, Podoplanin, PDPN, Lung type-I cell membrane-associated glycoprotein isoform a AGGRUS, Glycoprotein 36 KD, Glycoprotein 36, gp 36, GP 38, GP 40, GP40, HT1A 1, HT1A1, hT1alpha1, Lung type I cell membrane associated glycoprotein, Lung type I cell membrane associated glycoprotein isoform a, hT1alpha2, PA2.26 antigen, T1 alpha, Lung type I cell membrane associated glycoprotein T1A 2, OTS 8, OTTHUMP00000009640, OTTHUMP00000044504, T1 ALPHA GENE, TIA 2, TIA2. NCBI no.: MP_006405

Molecular Weight: 13.4 kDa (130 aa), confirmed by MALDI-TOF.

Pathways: [Dicarboxylic Acid Transport](#)

Application Details

Restrictions: For Research Use only

Handling

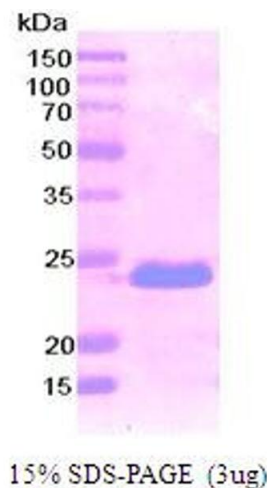
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid in 20 mM Tris pH 7.5, 0.1 M NaCl

Storage: 4 °C

Images



SDS-PAGE

Image 1.