

PDPN, 99-207aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03335

3th Edition

Synonyms:Lung type-I cell membrane-associated glycoprotein isoform a, Podoplanin , T1A, GP36, GP40, Gp38, OTS8, T1A-2, HT1A-1, PA2.26.

Description: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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 100 mM NaCl

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

Sequences:

MGSSHHHHHSSGLVPRGSHMASTGQPEDDTETTGLEGGVAMPGAEDDVVTPGTSEDRYKSGLTTLVATSVNSV
TGIRIEDLPTSESTVHAQEQSPSATASNVATSHSTEKVDGDTQTTVEKDGLSTVTL

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.