

PDPN recombinant protein

PDPN, 99-207aa, Human, His tag, E Coli

CATALOG # AAA48510	HOST E Coli	APPLICATIONS SDS-Page
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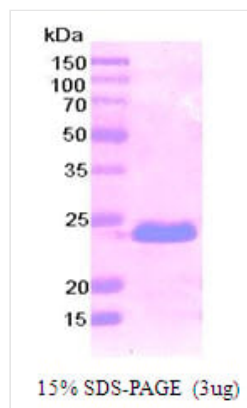
PRODUCT SYNONYMS

PDPN; 99-207aa; Human; His tag; E Coli; Lung type-I cell membrane-associated glycoprotein isoform a; T1A; GP36; GP40; Gp38; OTS8; T1A-2; HT1A-1; PA2.26; Podoplanin; Lung type-I cell membrane-associated glycoprotein isoform a AGGRuS; Glycoprotein 36 KD; Glycoprotein 36; gp 36; GP 38; GP 40; 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.; PDPN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in 20 mM Tris pH 7.5, 0.1 M NaCl
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MASTGQPEDD TETTGLEGGV AMPGAEDDVV TPGTSEDRYK SGLTTLVATS VNSVTGIRIE DLPTSESTVH AQEQSPSATA SNVATSHSTE KVDGDTQTTV EKDGLSTVTL
Sequence Length	238
Applicable Applications for PDPN recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at +2 degree C to +8 degree C short term (1 week). For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain

ADDITIONAL INFORMATION

Related Product Information for PDPN recombinant protein	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 to His-tag at N-terminus, was expressed in E Coli and purified by conventional chromatography techniques.
Product Categories/Family for PDPN recombinant protein	Cancer
References	Wicki A., et al. (2006) Br J Cancer. 96 (1):1-5.; Zimmer G., et al. (1999) Biochem J. 341, 277-84.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	54792056
NCBI GeneID	10630
NCBI Accession #	NP_006465
NCBI GenBank Nucleotide #	NM_006474.4
UniProt Accession #	Q86YL7; O60836; O95128; Q7L375; Q8NBQ8; Q8NBR3; A9Z1Y2; B2R6J8; E9PB68; F6QWX5
Molecular Weight	13.4 kDa (130 aa), confirmed by MALDI-TOF.
NCBI Official Full Name	podoplanin isoform a
NCBI Official Synonym Full Names	podoplanin
NCBI Official Symbol	PDPN
NCBI Official Synonym Symbols	T1A; GP36; GP40; Gp38; OTS8; T1A2; T11A; T1A-2; AGGRUS; HT1A-1; PA2.26
NCBI Protein Information	podoplanin
UniProt Protein Name	Podoplanin
UniProt Gene Name	PDPN
UniProt Synonym Gene Names	PICD

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.