

Recombinant Human Podoplanin/PDPN/Aggrus Protein

Catalog No.: RP00431 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	10630	Q86YL7

Tags

C-6×His

Synonyms

AGGRUS; GP36; GP40; Gp38; HT1A-1;
OTS8; PA2.26; T1A; T1A-2; T1A2;
T11A; PDPN; AGGRUS;
podoplanin; GP36; GP40; Gp38; HT1A-1;
OTS8; PA2.26; T1A; T1A-2; T1A2; T11A

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein belongs to 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.

Basic Information

Description

Recombinant Human Podoplanin/PDPN/Aggrus Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Ala23-Leu131) of human Podoplanin/PDPN/Aggrus (Accession #Q86YL7) fused with a 6×His tag at the C-terminus.

Bio-Activity

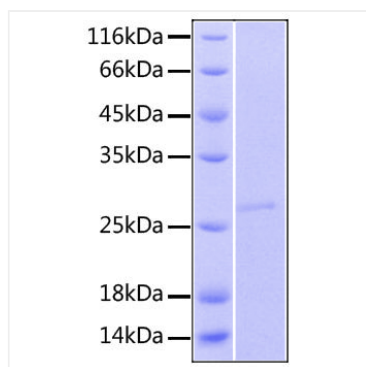
Storage

Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant protein Human Podoplanin/PDPN/Aggrus was determined by SDS-PAGE under reducing conditions with Coomassie Blue, showing a band at 26 kDa.