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Recombinant Human Podoplanin/PDPN/Aggrus Protein(C-6His)

产品货号: TP05374

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第三版

别名: Podoplanin; Aggrus; Glycoprotein 36; Gp36; PA2.26 Antigen; T1-Alpha; T1A; PDPN; GP36

**描述:** Podoplanin is a type-1 transmembrane protein that belongs to Podoplanin family. PDPN expressed in various specialized cell types throughout the body. It highly expressed in placenta, lung, skeletal muscle and brain, weakly expressed in brain, kidney and liver. In placenta, PDPN expressed on the apical plasma membrane of endothelium, in lung, expressed in alveolar epithelium. PDPN physiological function is related to its mucin-type character. PDPN may be involved in cell migration and/or actin cytoskeleton organization. When expressed in keratinocytes, induces changes in cell morphology with transfected cells showing an elongated shape, numerous membrane protrusions, and major reorganization of the actin cytoskeleton, increased motility and decreased cell adhesion. It requires for normal lung cell proliferation and alveolus formation at birth and Induces platelet aggregation. Nevertheless, it doesn't have any effect on amino acid transport and the aquaporin-type water channels.

**配方:** PBS

**分子量:** 12.2 kDa

**序列:** Ala23-Leu131

**纯度:** > 95% by HPLC

**浓度:**

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.