

产品名称: GMP Recombinant Human Vitronectin
产品货号: PCH90048

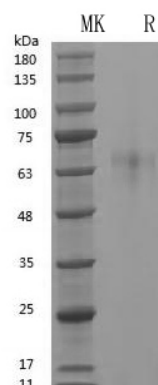


概述 (Summary)

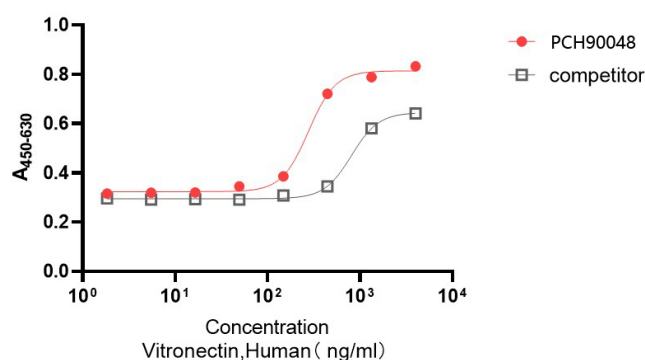
英文全称	Vitronectin
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	≤1 EU/mg
蛋白构建 (Construction)	Recombinant Human Vitronectin is produced by our Mammalian cell expression system and the target gene encoding Asp20-Leu478 is expressed.
Accession #	P04004
蛋白标签 (Tag)	Tag free
表达宿主 (Host)	Mammalian cell
种属 (Species)	Human
预测分子量 (Predicted MW)	52.3 kDa
蛋白形态 (Form)	Lyophilized
储存缓冲液 (Buffer)	PBS, 5% mannitol and 0.01% Tween 80, pH7.4
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	36 months at -20°C to -80°C in lyophilized state. 6 months at -20°C to -80°C under sterile conditions after reconstitution. 7-10 days at 2°C to 8°C under sterile conditions after reconstitution. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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活性验证图 (Bioactivity image)



The ED50 for this effect is 2-10 μ g/mL.

Optimal concentration depends on cell type as well as the application or research objectives.

背景 (Background)

分子别名 (Alternative Names)

Vitronectin; VN; S-Protein; Serum-Spreading Factor; V75; VTN

背景介绍 (References)

Vitronectin is also known as S-protein, VN, VTN, V75. Vitronectin, a multifunctional glycoprotein, is involved in coagulation, inhibition of the formation of the membrane attack complex (MAC), cell adhesion and migration, wound healing, and tissue remodeling. The primary cellular source of vitronectin is hepatocytes. Blocking of Hic(a member of the pneumococcal surface protein C (PspC) family) by specific antiserum or genetic deletion significantly reduced pneumococcal binding to soluble and immobilised vitronectin and to Factor H, respectively. In addition, Vitronectin interact with glycosaminoglycans and proteoglycans. Is recognized by certain members of the integrin family and serves as a cell-to-substrate adhesion molecule. Inhibitor of the membrane-damaging effect of the terminal cytolytic

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complement pathway.

注意事项 (Note)

For research use only .