人纤维连接蛋白、Fibronectin human、FN、人源

种属：	Human Cells
表达系统：	Prokaryotic expression system、Eukaryotic expression system
标签：	N-His-C
同用名：	人纤维连接蛋白、Fibronectin human、FN、 纤连蛋白、Cold-insoluble globulin、fibronectin、CIG
分子量：	150 kD
纯度：	Greater than 95% as determined by Tris-Bis PAGE.
储存条件:	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 100mM NaCl, pH7.5 Freeze dried by cover buffered brine
备注:	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.
储存时间：	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
运输：	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

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背景:

fibronectin (FN) is an extracellular glycoprotein that exists in either a soluble form in body fluids or an insoluble form in the extracellular matrix. As one of the major cell adhesion molecules, FN plays a key role in many important physiological processes, such as embryo formation, wound healing, hemostasis, and thrombolysis. Changes in fibronectin expression, degradation, and combination are closely associated with a large number of pathologies, including cancer and fibrosis.

Applications of fibronectin (FN) : 1) as a cell culture substrate; The function is to promote cell growth, improve cell adhesion rate, enhance cell metabolism level, shorten cell growth time; Hybridoma technology to improve the rate of cell fusion. 2) Diagnosis and treatment of diseases; Functions lie in wound repair and healing, cancer diagnosis and treatment, treatment of vascular system and cardiovascular and cerebrovascular diseases.

This product is a recombinant human fibronectin derived from prokaryotic or eukaryotic expression system. Existing in monomer form, it can be used as a cell culture substrate to replace Matrigel, rat tail collagen, blood-derived fibronectin, etc., improve cell adhesion rate, enhance cell metabolism level, and shorten cell growth cycle. It can also be directly added to the medium to replace or reduce the amount of serum, promote cell adhesion, migration, mobile growth, and maintain cell state.

In the continuous research and clinical application, we have found that fibrontenin FN not only has a good repair effect on chronic wounds, various wounds and damaged skin, but also has a good effect on healthy skin, such as anti-aging, desensitization, soothing, firming and moisturizing. Moreover, our recent transdermal experiment, scratch experiment and moisturizing experiment have been completed. It is fully proved that fibronectin FN has great potential in the field of cosmetics.

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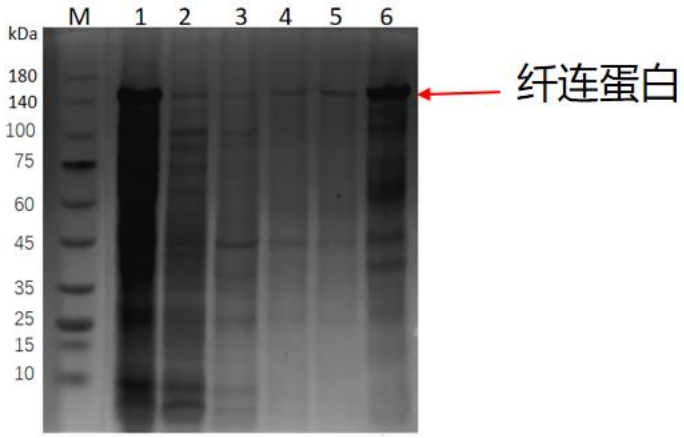
展示数据 ：



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