

Native Mouse Fibronectin protein ab92784

6 References [1 图像](#)

描述

产品名称	Native小鼠Fibronectin蛋白
纯度	> 95 % SDS-PAGE. ab92784 is > 98% pure by SDS-PAGE. Purified from mouse plasma
表达系统	Native
Accession	<u>P11276</u>
蛋白长度	Full length protein
无动物成分	No
性质	Native
种属	Mouse
预测分子量	220 kDa
氨基酸	33 to 2477

技术指标

Our **Abpromise guarantee** covers the use of **ab92784** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	Thaw the fibronectin by placing the vial in a 37°C water bath and leaving it undisturbed until completely thawed. Do not disturb the vial at any time during the thawing process. If the vial is disturbed or removed prior to complete thawing, the fibronectin will form a gel and be unusable. Mix very gently with pipette after thawing. Vortexing, excessive agitation, repeated freezing and thawing of fibronectin are not recommended.

制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 1.58% Tris HCl, 0.87% Sodium chloride
--------	--

常规信息

功能	<p>Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Participates in the regulation of type I collagen deposition by osteoblasts.</p> <p>Anastellin binds fibronectin and induces fibril formation. This fibronectin polymer, named superfibronectin, exhibits enhanced adhesive properties. Both anastellin and superfibronectin inhibit tumor growth, angiogenesis and metastasis. Anastellin activates p38 MAPK and inhibits lysophospholipid signaling.</p>
组织特异性	<p>Plasma FN (soluble dimeric form) is secreted by hepatocytes. Cellular FN (dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. Ugl-Y1, Ugl-Y2 and Ugl-Y3 are found in urine.</p>
疾病相关	<p>Glomerulopathy with fibronectin deposits 2</p>
序列相似性	<p>Contains 12 fibronectin type-I domains.</p> <p>Contains 2 fibronectin type-II domains.</p> <p>Contains 16 fibronectin type-III domains.</p>
发展阶段	<p>Ugl-Y1, Ugl-Y2 and Ugl-Y3 are present in the urine from 0 to 17 years of age.</p>
翻译后修饰	<p>Sulfated.</p> <p>It is not known whether both or only one of Thr-2064 and Thr-2065 are/is glycosylated.</p> <p>Forms covalent cross-links mediated by a transglutaminase, such as F13A or TGM2, between a glutamine and the epsilon-amino group of a lysine residue, forming homopolymers and heteropolymers (e.g. fibrinogen-fibronectin, collagen-fibronectin heteropolymers).</p> <p>Phosphorylated by FAM20C in the extracellular medium.</p> <p>Proteolytic processing produces the C-terminal NC1 peptide, anastellin.</p>
细胞定位	<p>Secreted, extracellular space, extracellular matrix.</p>

图片



10% SDS-PAGE

Lane 1: Fibronectin (5 ug) Reduced

Lane 2: Fibronectin (5 ug) Non-reduced

Lane 3: Prestained Standard

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet

- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors