

MERCK

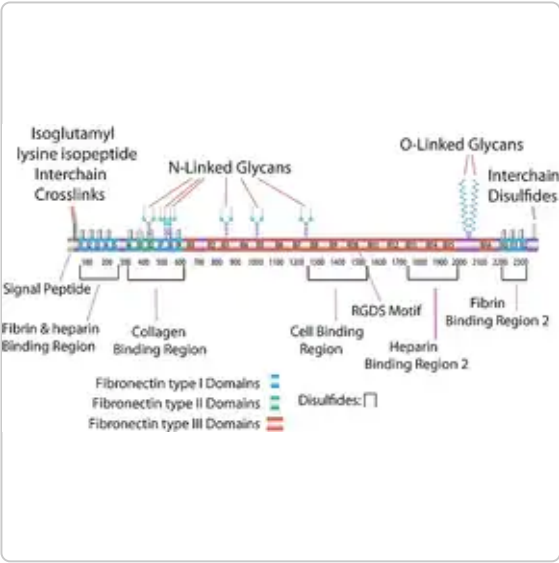
Saisir le nom du produit, le numéro de lot, etc.

F1141 ▶ Sigma-Aldrich.

Fibronectin bovine plasma

★★★★★ (0)

solution, sterile-filtered, BioReagent, suitable for cell culture



Toutes les photos (1)

Synonyme(s):
Fibronectin

Numéro EC:
289-149-2

Numéro MDL:
MFCD00131062

eCl@ss:
42020141

Select an Option

Référence

F1141-1MG

1 MG

275,00 €



Disponible pour expédition le 07 octobre 2022 - [De](#)

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1

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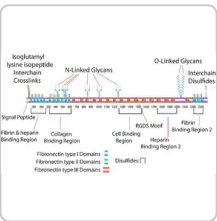
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Documents

- [FDS](#)
- [COO/COA](#)
- [Fiche des caractéristiques](#)

PRODUITS RECOMMANDÉS



Sigma-Aldrich
F4759
Fibronectin bovine plasma
powder, BioReagent, suitable for cell culture

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Source biologique
bovine plasma

Niveau de qualité
200

Stérilité

sterile-filtered

Gamme de produits

BioReagent

Forme

solution

Conditionnement

pkg of 1 mg

pkg of 2 mg

pkg of 5 mg

technique(s)

cell culture | mammalian: suitable

Couverture de la surface

1-5 $\mu\text{g}/\text{cm}^2$

N° d'accession UniProt

P07589

Expédié(e)(s) dans

wet ice

Temp. de stockage

2-8°C

Gene Information

bovine ... **FN1(280794)**

Vous recherchez des produits similaires ? Visit [Guide de comparaison des produits](#)

Catégories apparentées

[Attachment Factors](#)

DESCRIPTION

Description générale

Fibronectin is a ubiquitous protein of the extracellular matrix. It is a mosaic protein, that is made up of three types of repeating modular consensus amino acid sequences. Fibronectins belongs to a class of high-molecular-weight glycoproteins. Cellular fibronectin is expressed by fibroblasts and plasma fibronectin is usually liberated by hepatocytes.

Application

Fibronectin (FN) bovine plasma has been used in:

- fibronectin and adsorption analysis (ELISA (enzyme-linked immunosorbent assay))
- transwell migration
- fibronectin assay

Actions biochimiques/physiologiques

Fibronectins participate in cell adhesion, cytoskeletal organization, oncogenic transformation, cell migration, phagocytosis, hemostasis, and embryonic differentiation.

Remarque sur l'analyse

Protein homogeneity is evaluated by immunoelectrophoresis.

Autres remarques

Product F1141, Fibronectin from bovine plasma is a solution in 0.05 M TBS pH 7.5.

PRODUITS APPARENTÉS

Recommandé(E)(S)

CLS3422

Corning® Transwell® polycarbonate membrane cell culture inserts, 6.5 mm Transwell with 8.0 µm pore polycarbonate membrane insert, TC-treated, w/lid, sterile, 48/cs

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

13 - Non Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)**Rechercher****Certificat d'origine**

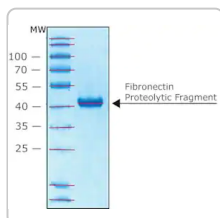
Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)**Rechercher**

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Sigma-Aldrich

F0162**Fibronectin Proteolytic Fragment from human plasma**

lyophilized powder, 45 kDa

[Consulter le prix et la disponibilité](#)

< 1 of 8 >

QUESTIONS FRÉQUEMMENT POSÉES (FAQ)

Which document(s) contains shelf-life or expiration date information for a given product?

If available for a given product, the recommended re-test date or the expiration date can be found on the Certificate of Analysis.

How do I get lot-specific information or a Certificate of Analysis?

The lot specific COA document can be found by entering the lot number above under the "Documents" section.

How do I choose which fibronectin product to use to coat culture surfaces for cell growth?

The species source for the fibronectin used when coating culture surfaces is not important. It is the presence of the RGD binding site that is present in all fibronectins that promotes binding.

How long can I store the fibronectin solution?

The product is good for at least a year at 2-8 °C if kept sterile.

How long can I store fibronectin coated plates, etc?

Fibronectin coated cultureware can be stored for 2-4 weeks at 2-8 °C in a closed sterile container, or in sterile sealable bags.

What is the procedure for coating culture surfaces with fibronectin?

To coat culture surfaces: 1. Dilute fibronectin in sterile balanced salt solution and coat the culture surface (1-5 µg/cm²) with a minimal volume. 2. Allow to air dry for at least 45 minutes at room temperature. Excess fibronectin may be removed by aspiration, but this is not necessary.

How do I find price and availability?

There are several ways to find pricing and availability for our products. Once you log onto our website, you will find the price and availability displayed on the product detail page. You can contact any of our Customer Sales and Service offices to receive a quote. USA customers: 1-800-325-3010 or view [local office numbers](#).

What is the Department of Transportation shipping information for this product?

Transportation information can be found in Section 14 of the product's (M)SDS. To access the shipping information for this material, use the link on the product detail page for the product.

My question is not addressed here, how can I contact Technical Service for assistance?

Ask a Scientist [here](#).

ARTICLES REVUS PAR DES PAIRS

Tests to predict preeclampsia

Chesley's Hypertensive Disorders in Pregnancy, 221-251 (2015)

CCL2/CCR2 chemokine signaling coordinates survival and motility of breast cancer cells through Smad3 and p42/44MAPK dependent mechanisms

Fang W B, et al.

The Journal of biological chemistry, jbc-M112 (2012)

FIBRONECTIN AUTOANTIBODIES

Autoantibodies, 221-251 (2007)

Role of subnano-, nano- and submicron-surface features on osteoblast differentiation of bone marrow mesenchymal stem cells

Khang D, et al.

Biomaterials, 33(26), 5997-6007 (2012)

Angiopoietin 2 signaling plays a critical role in neural crest cell migration.

Mary Cathleen McKinney et al.

BMC biology, 14(1), 111-111 (2016-12-17)

Collective neural crest cell migration is critical to the form and function of the vertebrate face and neck, distributing bone, cartilage, and nerve cells into peripheral targets that are intimately linked with head vasculature. The vasculature and neural crest structures

[Afficher tous les articles scientifiques apparentés](#)

PROTOCOLES ET ARTICLES SCIENTIFIQUES

Articles

Fibronectin

Fibronectin (FN) is a multifunctional, extracellular plasma glycoprotein produced by hepatocytes that circulates at near micromolar concentration and assembles into extracellular matrix fibrils at cell surfaces along with locally...

Attachment Factors for 3-Dimensional Cell Culture

Attachment Factors for 3-Dimensional Cell Culture

What is the Extracellular Matrix?

The extracellular matrix (ECM) is secreted by cells and surrounds them in tissues.

3D Cell Culture Tools and Techniques

3D cell culture overview. Learn about 2D vs 3D cell culture, advantages of 3D cell culture, and techniques available to develop 3D cell models

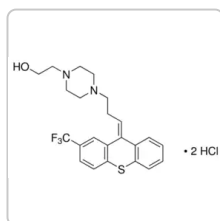
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Protocoles

Fibronectin Coating Protocol

Dilute fibronectin to the desired concentration. Optimum conditions for attachment are dependent on cell type and application. The typical coating concentration is 1 – 5 µg/cm². Fibronectin coating protocol, products, and FAQs.

PRODUITS CONSULTÉS RÉCEMMENT



Sigma-Aldrich

F114

cis-(Z)-Flupenthixol dihydrochloride

≥98% (HPLC), solid

[Consulter le prix et la disponibilité](#)

< 1 of 10 >

Évaluations

★★★★★

[Soyez le premier à donner votre avis sur ce produit](#)

Questions

[Soyez le premier à poser une question](#)

SERVICE TECHNIQUE

Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche,

notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

[Contacter notre Service technique](#)

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