

OsrhFN

Recombinant Human Fibronectin

Cell Culture Grade, Lyophilized powder



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Introduction

Fibronectin (FN) is a particularly important and well-studied component of the extracellular matrix, and is known to play a key role in cell adhesion, growth, spreading, migration, differentiation and proliferation. FN is a 220 kDa glycoprotein composed of 2 subunits bound via a disulfide bond. Currently, the FN is purified from the plasma, which however is limited by the availability of supply. Recombinant fibronectin (OsrhFN) is expressed in the rice endosperm platform, which is animal component free and has high purity, and has been demonstrated that has the same physical and chemical properties with the plasma derived FN. OsrhFN provides a safety solution and the rice endosperm platform makes the manufacture capability at hundreds of gram scales to meet your bioprocessing needs.

Specification

- **Source:** Rice Grain (*Oryza Sativa*)
- **Appearance:** White lyophilized powder
- **Molecular weight:** 200-250 kDa
- **Purity:** ≥95% by SDS-PAGE
- **Endotoxin:** < 0.5EU/μg

Preparation and Storage

- **Reconstitution:** Recommend to reconstitute in the sterile water or PBS with 1mg/ml concentration. Further dilutions can be made

in other aqueous buffer.

- **Storage:** Stored at temperature -20°C for at least 36 months

Please avoid repeated freeze-thaw cycles.

Related Products

Cat.No.	Product Name
HYC002C02	OsrHSA, Excipient Grade, liquid
HYC002C01	OsrHSA, Excipient Grade, powder
HYC002M01	OsrHSA, Cell Culture Grade, powder
HYC028M01	OsrHSA, Fatty acid free
HYC005M01	OsrhbFGF, Lyophilized powder
HYC020M01	rhEGF, Lyophilized powder
HYC007M01	rIGF-1 LR3, Lyophilized powder
HYC006M01	OsrhAAT, Lyophilized powder
HYC026M01	OsrhVEGF, Lyophilized powder
HYC027M01	OsrhKGF, Lyophilized powder
HYC004M01	OsrhLF, Lyophilized powder
HYC031R01	rProK, Liquid
HYC032R03	rProK, Lyophilized powder

**FOR RESEARCH, LABORATORY AND
MANUFACTURE USE ONLY. NOT INTENDED
FOR DIRECT USE ON HUMANS.**

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