

OsrhbFGF

Recombinant Human basic Fibroblast Growth Factor

Cell Culture Grade, Lyophilized powder



Version 5.4 Revision Date: 1.10.2024

Catalog No. HYC005M01

Print Date: 1.10.2024

Introduction

Basic fibroblast growth factor, also known as bFGF, FGF2 or FGF- β , is a member of the fibroblast growth factor family. It is a single-chain polypeptide growth factor that plays a significant role in the process of promoting cell proliferation, inhibiting cell apoptosis, expediting wound healing and inducing angiogenesis. It is also a very potent inducer of DNA synthesis in a variety of cell types from mesoderm and neuroectoderm lineages. The OsrhbFGF, expressed in the rice endosperm platform and purified by chromatography, is animal component free and has high biological activity. The rice endosperm platform makes the manufacture capability at hundreds of gram scales to meet your bulk bioprocessing needs.

Specification

- **Source:** Rice Grain (*Oryza Sativa*)
- **Appearance:** White lyophilized powder
- **Molecular weight:** 17 kDa
- **Purity:** $\geq 95\%$ by SDS-PAGE
- **Activity:** $\geq 1 \times 10^6$ IU/mg by a cell proliferation assay using Bal B/C 3T3 cell
- **Endotoxin:** < 1.0 EU/ μ g

Preparation and Storage

- **Reconstitution:** Recommend to reconstitute OsrhbFGF at 100-200 μ g/ml in sterile water. 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
HYC021M01	OsrhFN, Lyophilized powder
HYC007M01	rhIGF-1 LR3, Lyophilized powder
HYC020M01	rhEGF, Lyophilized powder
HYC026M01	OsrhVEGF, Lyophilized powder
HYC027M01	OsrhKGF, Lyophilized powder
HYC004M01	OsrhLF, Lyophilized powder
HYC031R01	rProK, Liquid
HYC032R03	rProK, Lyophilized powder
HYC006M01	OsrhAAT, Lyophilized powder

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

Wuhan Healthgen Biotechnology Corp.

268 Shendun 5th Road, East Lake High-Tech
Development Zone, Wuhan, China 430020

www.oryzogen.net

Email: cjing@oryzogen.com