

OsrhbFGF

Recombinant Human basic Fibroblast Growth Factor

Lyophilized powder



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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 or off-white loose body
- **Molecular weight:** 17 kDa
- **Purity:** $\geq 95.0\%$ by SDS-PAGE
- **Activity:** $\geq 1.0 \times 10^6$ 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
HYC002C01	OsrHSA Premium, powder
HYC002C02	OsrHSA Premium, liquid
HYC002M01	OsrHSA Advanced, powder
HYC002R01	OsrHSA Precise, powder
HYC028M01	OsrHSA, Fatty acid free, liquid
HYC021M01	OsrhFN, powder
HYC044M01	OsrhTF, powder
HYC026M01	OsrhVEGF, powder
HYC027M01	OsrhKGF, powder
HYC020M01	rhEGF, powder
HYC007M01	rhIGF-1 LR3, powder
HYC006M01	OsrhAAT, powder
HYC004M01	OsrhLF, powder
HYC042R01	OsrhLYZ, powder
HYC052R01	OsrCSA, liquid
HYC053R01	OsrFSA, liquid

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