

OsrhVEGF

Recombinant Human Vascular Endothelial Growth Factor

Lyophilized powder



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Introduction

Vascular endothelial growth factor (VEGF), also known as vascular permeability factor (VPF), is a highly specific vascular endothelial growth factor that stimulates vascular permeability increasing and cell external matrix degeneration, vascular endothelial cell migration, proliferation and vascularization. VEGF has also been shown to have chemotaxis on monocytes and osteoblasts. OsrhVEGF, 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 loose body
- **Molecular weight:** 19.2 kDa
- **Purity:** ≥95.0% by SDS-PAGE
- **Activity:** ≥ 1.0×10⁵ IU/mg by a cell proliferation assay using human umbilical vein endothelial cell (HUVEC)
- **Endotoxin:** <0.1 EU/μg

Preparation and Storage

- **Reconstitution:** Recommend to reconstitute OsrhVEGF at 100-200μg/ml in sterile water or PBS. 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
HYC005M01	OsrhbFGF, 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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