

OsrhVEGF

Recombinant Human Vascular Endothelial Growth Factor

Cell Culture Grade, Lyophilized powder



Version 5.4 Revision Date: 1.10.2024

Catalog No. HYC026M01

Print Date: 1.10.2024

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 lyophilized powder
- **Molecular weight:** 19.2 kDa
- **Purity:** ≥95.0% by SDS-PAGE
- **Activity:** ≥ 1×10⁵ 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
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
HYC021M01	OsrhFN, Lyophilized powder
HYC007M01	rhIGF-1 LR3, Lyophilized powder
HYC020M01	rhEGF, 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.**

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