

OsrhLF

Recombinant Human Lactoferrin

Cell Culture Grade, Lyophilized powder



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Introduction

Lactoferrin (LF), also known as lactotransferrin (LTF), is a globular glycoprotein with a molecular mass of about 80kD, which consists of two highly homologous lobes, designated the N and C lobes. Each LF molecule can reversibly bind two ions of iron. LF is a member of the transferrin family that transfer iron to the cells and control the level of free iron in the blood and external secretions. It also has antibacterial, antiviral, anti-parasitic, anti-cancer, anti-allergic and radio protecting functions and properties. LF acts as an important component in body immune system.

OsrhLF is expressed by rice endosperm platform, which makes the manufacture capability at hundreds of kilograms scales.

Specification

- **Source:** Rice Grain (*Oryza Sativa*)
- **Appearance:** Pinkish Crystalline Powder
- **Molecular weight:** 80 kDa
- **Purity:** ≥95% by SDS-PAGE
- **Endotoxin:** <20 EU/mg

Preparation and Storage

- **Reconstitution:** Recommend to reconstitute OsrhLF at 100mg/ml in sterile PBS. Further dilutions can be made in other aqueous buffer.
- **Storage:** Stored at temperature 2~8°C for at least 24 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
HYC005M01	OsrhbFGF, Lyophilized powder
HYC020M01	rhEGF, Lyophilized powder
HYC007M01	rhIGF-1 LR3, Lyophilized powder
HYC026M01	OsrhVEGF, Lyophilized powder
HYC027M01	OsrhKGF, 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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