

OsrhTF

Recombinant Human Transferrin, HyCreat™

Lyophilized powder



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Introduction

Human transferrin is a glycoprotein which bind to and consequently mediate the transport of iron (Fe) and cell in serum with a molecular weight of 76 KDa. Serum-free cell culture systems require a form of iron delivery. Transferrin is the preferred delivery form of iron because cells can process transferrin-bound iron in a physiologically appropriate manner through transferrin receptors on the cell surface.

OsrhTF is a recombinant human transferrin derived from rice endosperm, which can provide bulk and stable supply. Compared with bovine-derived transferrin, OsrhTF is animal component free, can avoid the risk of contamination from human or animal-derived viruses and mycoplasma.

Specification

- **Source:** Rice Grain (*Oryza Sativa*)
- **Appearance:** Pink to Russetish or orange-red powder or crystal powder
- **Formulation:** It is lyophilized from sterile PBS.
- **Package size:** 1g, 10g, 50g
- **Endotoxin:** < 0.5 EU/mg
- **Purity (by RP-HPLC):** > 95.0%

Preparation and Storage

- **Reconstitution:** Recommend to reconstitute lyophilized OsrhTF with PBS. After the lyophilized powder is completely reconstituted, filter it with a 0.22 µm filter. Further dilutions can be made in other aqueous buffer.

- **Storage:** Stored at temperature 2-8°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
HYC005M01	OsrhbFGF, 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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