



Recombinant Human Serum Albumin, OsrHSA Cell Culture Grade

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Source: Rice Grain (Oryza Sativa)

Catalog No. : HYC002M01 (Lyophilized powder)

Introduction

Human serum albumin is the most abundant protein in human plasma. It can transport hormones, lipids, and other molecules and maintain osmotic pressure. OsrHSA is a recombinant human serum albumin derived from rice grains, which provides an excellent solution for animal free medium. Compared to FBS, pHSA and BSA, OsrHSA has higher purity and excellent batch consistency. Meanwhile, OsrHSA is widely used as excipient, stabilizer and embedding agent in bio-pharmaceutical applications.

Specification

Physical Appearance: Off-white to light beige lyophilized powder

Formulation: OsrHSA is purified by chromatography from gene-modified rice endosperm.

Purity: More than 99% as determined by SDS-PAGE analysis.

Endotoxin: Less than 0.125EU/mg

Preparation and Storage

Storage: Stored at temperature 2~8°C for at least 48 months.

Reconstitution: For the lyophilized OsrHSA, it is recommended to reconstitute in the sterile PBS. The reconstituted OsrHSA liquid can be made in other aqueous buffer.

Please avoid repeated freeze-thaw cycles.

Features and Benefits

Scalable: Rice endosperm platform makes the manufacture capability at kilograms scales.

Stability and Activity in Culture: Providing consistent performance in cell culture media with lower cost and time consuming, especially in bioprocessing.

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