

## User Manual

# ***OriCell™ Recombinant Human Serum Albumin (OsrHSA)***

**Cat. No. OsrHSA-1G**

## PRODUCT DESCRIPTION:

OsrHSA is a well-defined and animal-free recombinant Human Serum Albumin (rHSA). Designed for cell culture applications, OsrHSA is a powerful media supplement that outperforms plasma-derived Human Serum Albumin and Bovine Serum Albumin. It has a molecular weight of 66 KDa and an isoelectric point of 4.8.

This product is intended for laboratory research and manufacturing uses only. It is not intended for diagnostic, therapeutic, clinical, household, or any other applications.

## Specifications:

**Biological origin:** Rice Grain (*Oryza sativa*)

**Physical Appearance:** Lyophilized powder

**Purity:** Greater than 99.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

## INSTRUCTIONS:

1. To prepare a stock solution with a concentration of 100mg/mL, dissolve 1g of OsrHSA in 10mL of 1X PBS.
2. It is recommended that this stock solution then be filtered-sterilized using 0.22µm membrane, and subsequently stored at -20°C.
3. When used for supplementation in cell culture applications, the OsrHSA stock solution should be diluted to the recommended experimental concentration using culture media or 1X PBS.

## STABILITY AND STORAGE:

This product is stable at 2-8°C for up to two years and should be discarded beyond the labeled expiration date. The stock solution can be stored at -20°C for up to 1 year. For optimal performance, repeated warm-cooling and freeze-thaw cycles should be avoided.

## QUALITY CONTROL:

The standard evaluation includes:

- Sterility test (bacteria, fungi and mycoplasma)
- Osmolality
- Endotoxin

**Cyagen Biosciences reserves all rights on the technical documents of its OriCell™ cell culture products. No part of this document may be reproduced or adapted for other purposes without written permission from Cyagen Biosciences.**