**Canvax Reagents, S.L.U.**
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# DATA SHEET

Version: 01
Revision date: 23/05/2025

## 1. Identification

**Product name**

**Recombinant Human Serum Albumin (rHSA), Rice**
20% solution

**Cat. No** CR007

## 2. Description

**Canvax Recombinant Human Serum Albumin (rHSA)** is a purified recombinant human albumin produced in rice under **Animal-Origin-Free (AOF)** conditions and supplied as a **20% liquid solution**.

Rice-derived rHSA provides a **recombinant alternative to plasma-derived human serum albumin** for **research** and **bioprocess** development applications.

It can be used as a protein supplement, excipient or ancillary material in applications including **cell culture, vaccine research and biopharmaceutical formulation**.

## 3. Product information

| | |
|---|---|
| **Expression system** | Rice |
| **Form** | Liquid, 20% solution |
| **Molecular Weight** | 66.5 kDa |
| **Protein content** | 20.0% ± 1.2% |
| **Endotoxin** | <1.67 EU/mL |
| **Monomer + dimer, SEC-HPLC** | ≥98.0% |
| **Polymer, SEC-HPLC** | ≤1.0% |

## 4. Storage specifications

Store at 2–8 °C. Avoid freeze-thaw cycles.

## 5. Applications

- Stabilizer for research and development of vaccines, viral vectors, antibodies, and therapeutic proteins.
- Excipient for cell and gene therapy research, including cryopreservation studies.
- Supplement for serum-free and low-serum cell culture systems.
- Component for research and development of diagnostic reagents and IVD formulations

## 6. Further information

**RUO** This product is sold as RUO (Research Use Only), not for diagnostic or therapeutic use in humans or animals.

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