

DATA SHEET

Version: 01
Revision date: 23/05/2025

1. Identification

Product name	Recombinant Human Serum Albumin (rHSA) 20% solution
Cat. No	CR007

2. Description

Canvax **Recombinant Human Serum Albumin (rHSA), 20% solution**, is a **highly pure, non-glycosylated** protein under **animal-origin-free, GMP-compliant conditions**. This product provides a consistent **alternative to plasma- or serum-derived albumin** for use in sensitive and regulated applications. Designed as a **multifunctional excipient** and **ancillary** material, Canvax rHSA is well-suited for high-value processes such as **vaccine manufacturing, cell and gene therapies**, and **biopharmaceutical formulation**. Its ability to reduce aggregation, surface adsorption, and oxidative stress makes it a critical component for **enhancing product stability**, improving downstream process yields, and ensuring **robust formulation performance**.

Full GMP version available on request.

3. Product information

Formulation	Sterile PBS, pH 6.4-7.4
Molecular Weight	67 kDa (585 amino acids)
Concentration	200 mg/mL
Purity	> 98% (SDS-PAGE, HPLC)
Form	Clear, slightly viscous liquid. Free of visible particulates.
Endotoxin	<0.5 EU/mL

4. Storage specifications

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

5. Applications

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

6. Further information



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RUO This product is sold as RUO (Research Use Only), not for diagnostic or therapeutic use in humans or animals.
GMP-grade batches are available upon request for clients requiring full compliance and regulatory documentation.

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