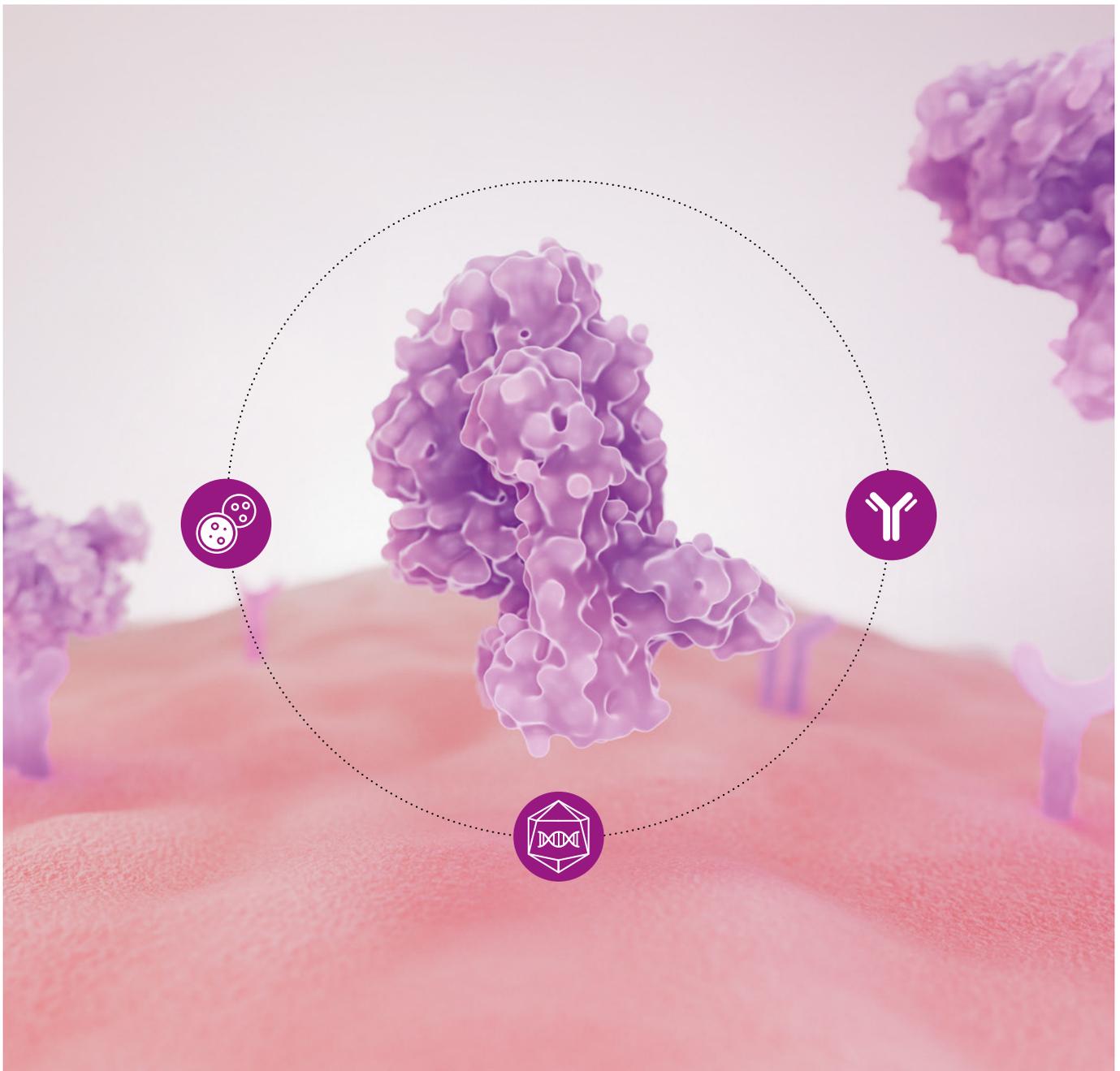


CreaCyte® rHSA by InVitria

Recombinant human albumin for biomanufacturing and formulations



1 Animal Origin Free

2 High Purity

3 Biopharma Quality

Discover the power of recombinant human albumin for advanced biologic therapies

As the predominant protein found in mammalian blood serum, **albumin has a multifaceted role in biological processes**: it facilitates the transport and binding of diverse substances including ions, fatty acids, toxins and small-molecule drugs. Additionally, albumin supports the regulation of serum pH, osmotic pressure, and oxidation. Thanks to its broad functionality in promoting cell viability and growth, albumin is an essential component in biopharma applications.

Traditionally, bovine serum such as FBS has been the most accessible and cost-effective source of laboratory-grade albumin. However, the increasing complexity and

sensitivity of biopharmaceutical processes, especially those involved in the development and manufacturing of biopharmaceutical drugs, demand recombinant human albumin with significantly higher specificity and purity levels.

To address those strict requirements, **Evonik is partnering with InVitria to offer a suite of recombinant human serum albumin products**. Manufactured in the USA in a non-mammalian recombinant expression system, they are highly pure to limit variability. CreaCyte® rHSA by InVitria provides a consistent, chemically defined alternative to animal-derived albumin, ensuring consistent results in drug development and cell culture.

Drive performance in biopharma manufacturing with high-purity solutions

CreaCyte® rHSA includes a range of recombinant human serum albumins designed to meet the diverse needs of biopharmaceutical manufacturing. Choose the formulation that best aligns with your application:

- **CreaCyte® rHSA for Cell Culture Media**
Lipid-enhanced formulation for excellent cell growth and productivity (Cellastim® S)
- **CreaCyte® rHSA as Excipient**
Improved stability in vaccines, cell and gene therapies, regenerative medicine and protein formulations (Exbumin®)
- **CreaCyte® rHSA for Biomanufacturing**
Available in ready-to-use 20% and 25% liquid solutions for seamless integration into biopharma workflows, including closed systems, and formulations (Optibumin®)

- Scalable—Produced in a non-mammalian, recombinant expression system
- Reliable—Highly pure albumin produced in the USA
- Reproducible and safe—Chemically defined and non-animal derived
- Seamless integration into your bioprocess—Versatile formulations and packaging options
- Consistent quality—Manufactured according to cGMP at an ISO9001 certified facility
- Elimination of prion and viral risk—Naturally free of prion agents, minimal risk of contamination

Evonik acts solely as a distributor of the Products manufactured by InVitria and has no responsibility or involvement in the quality assurance, quality control, testing, or release of the Products as well as product safety and regulatory compliance.

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