Data Sheet

Cellastim® S

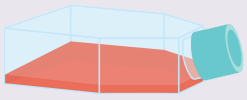
Recombinant Human Serum Albumin (rHSA)

Optimized rHSA for Superior Cell Culture Performance

Cellastim S is a high-performance recombinant human serum albumin (rHSA) designed to replace both human and bovine serum albumin in cell culture. This chemically defined albumin enhances cell growth, viability, and productivity while eliminating risks associated with plasma-derived albumins. Ideal for stem cell expansion, virus propagation, and biologics manufacturing, it's produced in a cGMP, ISO-certified facility in the USA.

Applications

- **Cell & Gene Therapy**
- **Regenerative Medicine**
- **Vaccines**
- **Medical Devices/Sealants**
- **Tissue & Cell Storage**
- **Diagnostics & Reagents**



- **Optimized for cell culture** – Supports high-density growth in primary cell, stem cells, CHO, HEK, and VERO cells.
- **Lower inclusion needed** – Requires less rHSA than bovine or human serum albumin.
- **No adventitious agent testing** – Animal-free rHSA eliminates raw material screening and viral testing.
- **Lipid-rich** – Provides critical fatty acids for cell culture performance.
- **Clinically proven** – Used in GMP biologics manufacturing, including approved products.

Specifications

Purity	> 96.0% recombinant human serum albumin
Format	Lyophilized powder
Shelf Life	4 years
Regulatory Compliance	cGMP, ISO 9001
Packaging	10 g,100 g, & 1 kg bottles
Storage	-20°C

Cellastim S

SCAN ME

Try Cellastim S Today!

www.invitria.com/cellastims

InVitria
Performance. Defined.

Data Sheet
Cellastim S
Recombinant Human Serum Albumin (rHSA)

InVitria's Commitment to Quality & Innovation

Recombinant, chemically defined solutions – Enhances consistency, purity, and performance in biomanufacturing.

Animal-origin-free – Eliminates plasma-derived risks for safer, more reliable formulations.

Lot-to-lot consistency – Ensures reproducibility and reliability by minimizing variability between production batches.

Scalable, reliable supply chain – Ensures secure global availability with high-volume production capacity.

ISO 9001 & cGMP compliant – Manufactured under strict quality and regulatory standards for consistency and safety.

Regulatory-friendly – Designed to meet pharmaceutical, biotech, and global regulatory requirements.



- > 96% pure albumin content
- Enhanced with lipids for cellular support
- Low endotoxin (<1 EU/mg)
- Broad cell-line compatibility
- No stabilizers or preservatives
- Reduces inclusion rate

Product	Size	Product #
Cellastim S	10 g	777HSA017S-10g
Cellastim S	100 g	777HSA017S-100g
Cellastim S	1 kg	777HSA017S-1kg

*Request a quote for bulk & large-scale format options.

Secure Your Supply Now!

SCAN ME

InVitria, Inc
2718 Industrial Drive
Junction City, KS 66441
Phone: 800-916-8311
Fax: 785-238-5688
Email: info@invitria.com
www.invitria.com

Copyright© 2025 InVitria, Inc. All rights reserved.
Reproduction or distribution of any InVitria materials, in whole or in part, is prohibited without prior written consent. All logos, names, designs, and marks displayed, including InVitria® and the InVitria® brand design, are trademarks or service marks owned or licensed by InVitria, Inc., Kansas, USA, unless otherwise noted. For details on InVitria's registered intellectual property, patents, and additional terms and conditions, please visit www.invitria.com/terms.