Data Sheet

Optiferrin®

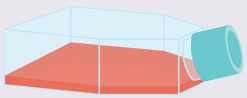
Recombinant Human Transferrin (rhTransferrin)

Recombinant Transferrin for Biomanufacturing

Optiferrin is a recombinant human transferrin (rhTransferrin), chemically defined and animal-origin-free, delivering equal or superior performance to native transferrin. It universally replaces plasma-derived transferrin and iron chelators, reducing variability and contamination risks, while enhancing cell growth, antibody yields, and productivity across diverse cell lines. Ideal for sensitive biomanufacturing & cell therapy work.

Applications

- **Animal-Origin Free Cell Culture**
- **Antibody Production**
- **Stem Cell Expansion**
- **Diagnostics & Reagents**
- **Tissue & Cell Storage**
- **Gene Therapy**
- **Viral Vector Production**



Specifications

Purity	≥ 95.0% recombinant human transferrin
Format	Lyophilized powder
Shelf Life	3 years
Regulatory Compliance	cGMP, ISO 9001
Packaging	1 g, 10 g, 100 g, & 1 kg bottles
Storage	-20°C

- **Superior performance** – Delivers equal or superior cell growth and productivity compared to native transferrin.
- **Universal iron carrier** – Maintains optimal iron balance without toxicity risks from iron chelators.
- **Enhanced antibody yields** – Improves productivity and antibody production in hybridoma and other antibody-expressing cell lines.
- **Broad compatibility** – Effective across T, NK, HEK, CHO, Hybridoma, iPSC, MSC, HSC, Fibroblast, and other culture systems.
- **Regulatory advantage** – Fully recombinant, pathogen-free, and chemically defined for clinical applications.

Optiferrin

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Try Optiferrin Today!

www.invitria.com/optiferrin

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Recombinant Human Transferrin (rhTf)

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.



Optiferrin

- Replaces iron chelators/salts in culture media
- Low endotoxin levels
- More cost-effective than other alternatives
- Universal iron carrier
- No additives or preservatives

Product	Size	Product #
Optiferrin	1 g	777TRF029-1g
Optiferrin	10 g	777TRF029-10g
Optiferrin	100 g	777TRF029-100g
Optiferrin	1 kg	777TRF029-1kg

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

Secure Your Supply Now!

SCAN ME

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