Data Sheet

OptiLeukin™ 2

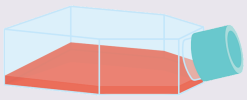
Recombinant Human Interleukin-2 (rhIL-2)

Bacteria-Free, Chemically Defined IL-2 for Cell Therapy

OptiLeukin 2 is a chemically defined, animal-origin-free IL-2 for cell therapy and biomanufacturing. It eliminates bacterial and host cell contaminants, reducing endotoxin risk while ensuring high potency and stability. With high purity and batch consistency, it optimizes cell expansion and activation. Manufactured in a cGMP & ISO 9001-certified facility, it provides a reliable, scalable alternative to traditional IL-2.

Applications

- **T Cell Expansion**
- **Treg & TIL Expansion**
- **NK Cell Manufacturing**
- **γδ T Cell Manufacturing**
- **iPSC-Derived Immune Cells**
- **Immunotherapy Research**
- **Bioprocessing & Scale-Up**



Specifications

Purity	≥ 98% recombinant human interleukin-2
Format	Lyophilized powder
Shelf Life	6 months
Regulatory Compliance	ISO 9001
Packaging	100 µg vials
Storage	-20°C

- **Compliance-ready IL-2** – Free from animal and microbial risks, supporting faster.
- **Optimized for immune cell expansion** – Supports proliferation, viability, and activation of T cells, Tregs, TILs, γδ T cells, and NK cells.
- **Consistent performance** – Stable, high-purity IL-2 measured against the NIBSC international standard.
- **Integrates with defined media** – Ideal for serum-free, animal-origin-free systems.
- **Designed for scalability** – U.S.-made with reliable production for clinical and commercial needs.

OptiLeukin2

SCAN ME

Try OptiLeukin 2 Today!

www.invitria.com/optileukin-2

InVitria
Performance. Defined.

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OptiLeukin 2
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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.



OptiLeukin2

- Recombinant, animal-free IL-2
- Optimized for T, NK, Tregs, TILs & γδ t cells
- Consistent potency & purity
- Supports regulatory compliance
- No viral or retroviral testing required
- Reduced validation burden vs. *E. coli*– and HEK-derived IL-2

Product	Size	Product #
OptiLeukin 2	100 µg	555OLK0070-100ug

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

Secure Your Supply Now!

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