

Product Information

Lipid Mix 180
 Chemically Defined Concentrate
 sterile-filtered
 Cat. No. LIX-10ML (10 ml), LIX-3ML (3 ml)

General Information

Lipid Mix 180 is a chemically defined lipid supplement designed to support cell types with increased demands on fatty acid and lipid metabolism. It provides a balanced mixture of defined saturated and unsaturated fatty acids to support membrane synthesis, cellular metabolism, and proliferation under serum-reduced or chemically defined culture conditions.

Lipid Mix 180 is optimized for modular supplementation of **SEREXIS™ 180** (Cat. No. ZER-500ML), enabling targeted lipid support for cell types with elevated metabolic requirements while maintaining controlled and reproducible culture conditions. In addition, Lipid Mix 180 can be used as a universal lipid supplement for a broad range of mammalian and insect cell cultures, including CHO, Sf9, hybridoma, and other established cell lines. Lipid Mix 180 is suitable for use in research and biotechnological applications where defined lipid supplementation is required.

Key Benefits

- Chemically defined lipid supplement for controlled cell culture
- Optimized for modular use with **SEREXIS™ 180** for general cell cultivation
- Universally applicable to CHO, Sf9, hybridoma, and other cell lines
- Versatile and scalable use from research to biomanufacturing applications

Product Specifications

Appearance	Clear liquid
Storage and shelf life	Store at +2°C to +8°C Protect from light! Do not freeze!
Working concentration	Use at: 0.25% with 10% SEREXIS™ 180 for general culture media 0.1% in CHO cell culture media 1.0% in Sf9 cell culture media 0.1 – 0.4% in Hybridoma cell culture media
Shipping conditions	Ambient

Instructions for Use

General Notes

- Minimize exposure to air, as Lipid Mix 180 contains unsaturated fatty acids that may undergo oxidation upon prolonged exposure.
- The recommended working concentrations of Lipid Mix 180 serve as general guidelines and may require optimization depending on the specific cell type and process.
- Never freeze Lipid Mix 180. Do not freeze products that are supplemented with Lipid Mix 180.

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Precautions and Disclaimer

This product is for research use and further manufacturing only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (techservice@capricorn-scientific.com) or phone (+49 6424 944640).