

rhEGF, Recombinant Human Epidermal Growth Factor



Cat. No. PP-Osr-011

Lot. No. (See product label)

Product Name

rhEGF, Recombinant Human Epidermal Growth Factor

Size

50 µg, 1 mg, 10 mg

Overview

Human epidermal growth factor (EGF) has a molecular weight of 6.2 kD, contains 53 amino acids, and has three intramolecular disulfide bonds. EGF binds to EGFR, a specific receptor located on the cell surface, and induces a series of biochemical reactions in the cell, including an increase in the intracellular calcium concentration level, the promotion of glycolysis, an increase in protein synthesis, and the enhancement of the expression of specific genes, such as EGFR, which promotes the synthesis of DNA and the proliferation of cells.

CAS No.

62253-63-8

Source

Pichia pastoris

Appearance

White lyophilized powder

Purity

≥ 98% SDS-PAGE

Molecular Weight

6.2 kD

Activity

≥ 1.0×10⁶ IU/mg

Endotoxin

≤ 1 EU/µg

Precautions

It is recommended to re-dissolve rhIGF-1 LR3 lyophilized powder to 100-200 µg/ml with sterile water, and other solvents can be used for further dilution. Dissolved rhIGF-1 LR3 can be stored at 4°C for 2-7 days, use up as soon as possible, if not used for a short period, please store at -20°C. After opening, please use it as soon as possible to avoid contamination.

Usage

Suitable for scientific, laboratory, and production use only, not for direct use in humans.

Storage

Please store at -20°C

Stability

24 months

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY