

Active GMP Recombinant Human LIF Protein

Cat. No. LIF-01HG Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human LIF protein, was expressed in CHO-K1 cell-derived in an animal component free process under cGMP guidelines.
Species	Human
Source	CHO
Description	The leukemia inhibitory factor (LIF) is an inducer of differentiation of mouse myeloid leukemia cells M1 to normal M-like cells discovered in the late 1960s. LIF and its receptor (LIFR) are distributed in different tissues and cells and have a wide range of biological effects: they are involved in hematopoietic regulation, can induce normal differentiation of M1 cells in vitro, and inhibit the differentiation of embryonic cells (ES).
Form	Lyophilized powder
Endotoxin	<20 EU/mg
Bio-activity	>5.0 x 10 ⁶ IU/mg
Purity	>98.0% by high performance liquid chromatography (SEC-HPLC) and SDS-PAGE.
Storage Buffer	10mM Phosphate-Buffered Saline (pH 7.2)
Storage	Stable storage at 4°C for 7-10 days; for long-term storage, please store at -20°C

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

after dispensing.

Sterility

Sterility

Instructions

It is recommended that lyophilized GMP rhLIF be dissolved in water for injection or sterilized ultrapure water at a concentration of not less than 100 µg/ml, pending further dilution to working concentration.

GENE INFORMATION**Gene Name**

Leukemia inhibitory factor

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA