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LIF, 23-202aa, Human, His-tag, Baculovirus

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第三版

别名:Leukemia inhibitory factor isoform1, LIF, CDF, DIA, HILDA, MLPLI

描述:LIF, as known as leukemia inhibitory factor, is a pleiotropic glycoprotein belonging to the LI6 family of cytokines. This protein is involved in growth promotion and cell differentiation of different types of target cells, influence on bone metabolism, embryogenesis and inflammation. It is produced by the adrenal cortex and likely enhances its production of cortisol and aldosterone. Also, it can function as an autocrine growth factor in some pancreatic cancers, but induced differentiation in the leukemic cell line M1. Recombinant human LIF, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:20.8kDa (189aa)18-40kDa (SDS-PAGE under reducing conditions.)

序列:

ADPSPLPITPVNATCAIRHPCHNNLMNQIRSQAQLNGSANALFILYYTAQGEPFPNNLDKLCGPNVTDFFPPFHANGTEK
AKLVELYRIVVYLGTS LGNITRDQKILNPSALSLSKLNATADILRGLLSNVLCRLCSKYHVGHVDV TYGPDTSGKDV FQK
KKLGCQLLGKYKQIIAVLAQAFHHHHHH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.