LIF (mouse), (recombinant)

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ALX-201-242-L001	1ml

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Stable for 6 months when stored at +4°C.
Handling	Avoid freeze/thaw cycles.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Leukemia inhibitory factor
Biological Activity	Induces macrophage differentiation and proliferation of hematopoietic stem cells; maintains indifferentiated state of of embryonic stem (ES) cell cultures; inhibits proliferation of the mouse myeloid cell line M1.
Formulation	Liquid. 0.2μm-filtered solution in PBS containing 0.5% BSA. Contains no preservatives. Further dilutions should be made with medium containing 1% BSA.
MW	~20kDa
Purity	≥95% (SDS-PAGE)
Purity Detail	Purified by FPLC.
Quantity	10^7U
Source	Produced in *E. coli*.
Technical Info / Product Notes	**Maintenance of ES Cells:** 1,000U/ml are recommended to maintain indifferentiated ES cells, R1 or E14 cells. **M1Growth Inhibition Assay:**50units/ml are defined as the concentration of LIF that induces 50% of differentiated cells in tissue culture medium.

UniProt ID P09056

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