

Recombinant Mouse Lif Protein

Cat. No. Lif-122M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of Mus musculus leukemia inhibitory factor (Lif) (Ser24-Phe203) without tag was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	24-203 a.a.
Description	LIF has the capacity to induce terminal differentiation in leukemic cells. Its activities include the induction of hematopoietic differentiation in normal and myeloid leukemia cells, the induction of neuronal cell differentiation, and the stimulation of acute-phase protein synthesis in hepatocytes.
Molecular Mass	19.9 kDa
Endotoxin	< 0.1 EU per 1 g of the protein by the LAL
Purity	>95%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
Storage	Store at -80 centigrade.

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Storage Buffer Lyophilized from a sterile solution containing 20 mM phosphate buffer, pH7.4.

Reconstitution Resuspend the protein in the desired concentration in proper buffer.

GENE INFORMATION

Gene Name [Lif leukemia inhibitory factor \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Lif](#)

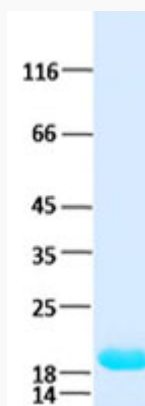
Synonyms Lif leukemia inhibitory factor; leukemia inhibitory factor; d factor; differentiation-stimulating factor; myeloid leukaemia inhibitory factor

Gene ID [16878](#)

mRNA Refseq [NM_008501](#)

Protein Refseq [NP_032527](#)

UniProt ID [P09056](#)



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