Recombinant Mouse Lif Protein, MYC/DDK-tagged

Cat. No. Lif-1317M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse leukemia inhibitory factor (Lif), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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	22.7 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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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