

Recombinant Mouse LIF Protein

Cat. No. LIF-520M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse LIF protein
Species	Mouse
ProteinLength	203
Description	Enables cytokine activity and growth factor activity. Acts upstream of or within several processes, including animal organ development; generation of neurons; and positive regulation of macromolecule metabolic process. Located in extracellular space. Is expressed in several structures, including alimentary system; central nervous system; cranium; early conceptus; and female reproductive system. Orthologous to human LIF (LIF interleukin 6 family cytokine).
Form	Lyophilized
AA Sequence	MKVLAAGIVPLLLLVLHWKHGAGSPLPITPVNATCAIRHPCHGNLMNQIKNQLAQLN GSANALFISYYTAQGEFPNNEKLCAPNMTDFPSFHGNGTEKTKLVELYRMVAYLS ASLTNITRDQKVLNPTAVSLQVKLNATIDVMRGLLSNVLCLCNKYRVGHVDVPPVP DHSDKEAFQRKKLGCQLLGTYKQVISVVVQAF
Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term).

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	After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H ₂ O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	Lif leukemia inhibitory factor [Mus musculus (house mouse)]
Official Symbol	LIF
Synonyms	LIF; leukemia inhibitory factor; d factor; differentiation-stimulating factor;
Gene ID	16878
mRNA Refseq	NM_001039537
Protein Refseq	NP_001034626
UniProt ID	P09056

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