

Recombinant Rat Lif protein

Cat. No. Lif-733R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lif protein(P17777)(23-202 aa) was expressed in E.coli.
Species	Rat
Source	E.coli
ProteinLength	23-202 aa
Form	Lyophilized from a 0.2 µm filtered concentrated solution in 1 × PBS, pH 7.4.
Molecular Mass	Approximately 19.8 kDa, a single non-glycosylated polypeptide chain containing 180 amino acids.
AASequence	SPLPITPVNA TCAIRHPCHG NLMNQIKSQL AQLNGSANAL FISYYTAQGE PFPNNVDKLC APNMTDFPPF HANGTEKTKL VELYRMVTYL GASLTNITWD QKNLNPTAVS LQIKLNATTD VMRGLLSSVL CRLCNKYHVG HVDVPCVPDN SSKEAFQRKK LGCQLLGTYK QVISVLAQAF
Endotoxin	Less than 0.1 EU/µg of rRtLIF as determined by LAL method.
Purity	>96% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

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reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name [Lif leukemia inhibitory factor \[Rattus norvegicus \]](#)

Official Symbol [Lif](#)

Synonyms LIF; leukemia inhibitory factor; cholinergic neuronal differentiation factor; leukemia inhibitory factor (cholinergic differentiation factor);

Gene ID [60584](#)

mRNA Refseq [NM_022196](#)

Protein Refseq [NP_071532](#)

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