

Human Leukemia inhibitory factor/LIF protein (Recombinant) (C-His) (STJP002559)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

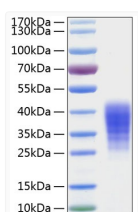
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

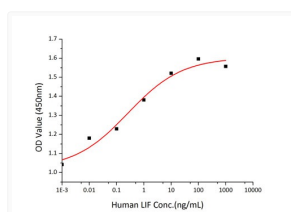
Gene ID	3976
Gene Symbol	LIF
UniProt ID	LIF_HUMAN
Immunogen Region	Ser23-Phe202
Immunogen Sequence	SPLPITPVNATCAIRHPCHN NLMNQIRSOLAQLNGSANAL FILYYTAQGEPPFPNNLDKLC GPNVTDFFPPFHANGTEKAKL VELYRIVVYLGTS LGNITRD QKILNPSALSLSKLNATAD ILRGLLSNVLCRLCSKYHVG HVDVTYGPDTSGKDV FQKKK LGCQLLGKYKQIIAVLAQAF

ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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Recombinant Human Leukemia inhibitory factor/LIF Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 33-45kDa.



Recombinant Human LIF stimulates cell proliferation of the TF-1 human erythroleukemic cells. The ED₅₀ for this effect is typically 0.1-0.3 ng/mL, corresponding to a specific activity of 3.33 × 10⁶ units/mg.