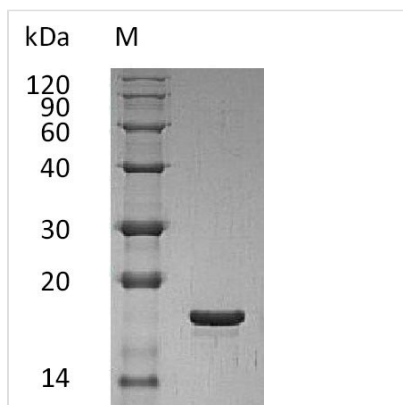




Recombinant Human Leukemia inhibitory factor (LIF) (Active)

Product Code	CSB-AP004001HU
Abbreviation	Recombinant Human LIF protein (Active)
Uniprot No.	P15018
Storage Buffer	Lyophilized from a 0.2 μ m filtered solution of 20mM PB,2% Sucrose,4% Mannitol,0.02% Tween 80,pH7.4
Product Type	Growth Factors
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined in a cell proliferation assay using TF β 1 human erythroleukemic cells is 25-150 pg/ml.
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	SPLPITPVNATCAIRHPCHNNLMNQIRSQLAQLNGSANALFILYYTAQGEPFPN NLDKLCGPNVTDFFPPFHANGTEKAKLVELYRIVVYLGTSLGNITRDQKILNPSAL SLHSKLNATADILRGLLSNVLCRLCSKYHVGHVDTVYGPDTSGKDVFQKKKLG CQLLGKYKQIIAVLAQAF
Research Area	Cancer
Source	E.coli
Target Names	LIF
Expression Region	23-202aa
Tag Info	Tag-Free
Mol. Weight	19.7 kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Endotoxin	Less than 0.01 EU/ μ g as determined by LAL method.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.