

Recombinant Dog LIF protein, His & T7-tagged

Cat. No. LIF-677D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog LIF aa. (Leu25~Ala196 (Accession # J9NRL6)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Dog
Source	E.coli
ProteinLength	Leu25~Ala196
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 9.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

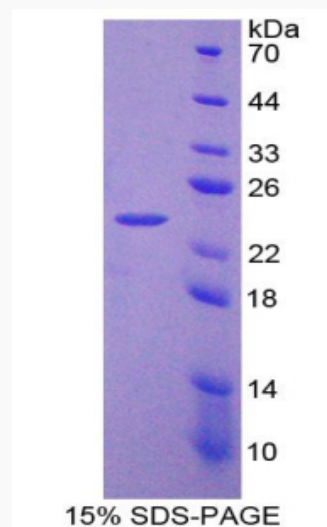
Gene Name	LIF LIF, interleukin 6 family cytokine [<i>Canis lupus familiaris</i> (dog)]
Official Symbol	LIF
Synonyms	leukemia inhibitory factor (cholinergic differentiation factor); leukemia inhibitory factor
Gene ID	403449
mRNA Refseq	NM_001197073.1
Protein Refseq	NP_001184002.1
UniProt ID	J9NRL6

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SDS-PAGE



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