

# Recombinant Human Leukemia inhibitory factor/LIF Protein

RPCB1058



## Product Information

**Product SKU:** RPCB1058      **Gene ID:** 3976      **Size:** 10µg  
**Tag:** NO-tag      **Reactivity:** Human

## Additional Information

**Expression Host:** HEK293 cells      **Swissprot:** P15018  
**Purity:** > 92% by SDS-PAGE.

## Protein Information

**Background:** Leukemia inhibitory factor (LIF) is a pleiotropic glycoprotein belonging to the IL-6 family of cytokines. It is involved in growth promotion and cell differentiation of different types of target cells, influence bone metabolism, cachexia, neural development, embryogenesis, and inflammation. LIF has potent proinflammatory properties, being the inducer of the acute phase protein synthesis and affecting cell recruitment into the area of damage or inflammation. LIF is also one of the cytokines that are capable to regulate the differentiation of embryonic stem cells, hematopoietic, and neuronal cells.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human Leukemia inhibitory factor/LIF Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <0.1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:** Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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