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## Recombinant Human LIF

**Product Number: CK03001**

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### Characteristics:

**Source:** Chinese Hamster Ovary cell line

**Description:** Human LIF (Ser 23-Phe 202)

**Accession #:** P15018

**Predicted molecular mass:** 19.7 kDa

### Specification:

**Appearance:** White powder, Colorless clear liquid after reconstitution

**Purity:**  $\geq 95\%$ , by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)

**Formulation:** Lyophilized from a 0.22  $\mu\text{m}$ -filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

**Size:** 50  $\mu\text{g}$ /vial, 1 mg/vial

### Handling and Storage:

**Reconstitution:** It is recommended to redissolve in sterile deionized water.

**Shipping:** The product is shipped with blue ice.

### Storage & Stability:

- 36 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  in lyophilized state
- 6 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  under sterile conditions after reconstitution
- 7-10 days at  $2^{\circ}\text{C}$  to  $8^{\circ}\text{C}$  under sterile conditions after reconstitution

**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**