



**Tinzyme Co., Limited**

Email: [sales@tinzyme.com](mailto:sales@tinzyme.com)

Website: [www.tinzyme.com](http://www.tinzyme.com)

Tel: +86-755-86134126

WhatsApp/Facebook/Twitter: +86-189-22896756

## Recombinant Bovine LIF

**Product Number: CK03021B**

---

### Characteristics:

**Source:** E.coli

**Description:** Bovine LIF (S23-F202)

**Accession #:** Q27956

**Predicted molecular mass:** 19.8 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)

**Endotoxin:**  $\leq 10$  EU/mg by the LAL method

**Activity:** Measured in the M1 cell differentiation assay. The ED50 for this effect is  $\leq 0.1$  ng/ml.

**Formulation:** Lyophilized from a  $0.2 \mu\text{m}$  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 2°C to 8°C in lyophilized state
  - 6 months at -20°C to -80°C under sterile conditions after reconstitution
  - 7-10 days at 2°C to 8°C under sterile conditions after reconstitution
- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**