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## Recombinant Human IL1A (E.coli expressed)

Product Number: CK01921H

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### Characteristics:

**Source:** E.coli

**Description:** Human IL-1A (Ser113-Ala271)

**Accession #:** Q53QF9

**Predicted molecular mass:** 18.0 kDa

### Specification:

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

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

**Endotoxin:** ≤100 EU/mg by the LAL method

**Activity:** Measured by its ability to induce NF-κB reporter activity by the reporter gene assay. The ED50 for this effect is ≤0.05 ng/ml.

**Formulation:** Lyophilized from a 0.2 μm filtered solution containing 10 mM PB, 5% Trehalose and 0.01% Tween 80, pH 7.4

**Size:** 50 μg/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.**