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Recombinant Human IL-1B (E.coli-expressed)

Product Number: CK04921H

Characteristics:

Source: E. coli

Description: Human IL-1B (Ala117-Ser269)

Accession # P01584

Predicted molecular mass: 17.4 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-kB reporter activity in MCF-7 cells. The ED50 is ≤10 pg/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.**