



**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 Human IL23

Product Number: CK05001

---

### Characteristics:

**Source:** Chinese Hamster Ovary cell line

**Description:** Recombinant human IL-23 is composed of P40 (Ile23-Ser328) and P19 (Arg23-Pro189) subunits, which are linked by a GS-linker (GSGSSRGGSGSGSGGGGSKL).

**Accession #** P29460 (P40), AAG37232 (P19)

### Predicted molecular mass:

- 55.0 kDa (IL-23 single chain)
- 36.5 kDa (p40) & 18.5 kDa (p19)

### 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:** ≤10 EU/mg by the LAL method

**Activity:** Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is < 0.5 µg/mL.

**Formulation:** Lyophilized from a 0.22 µm-filtered solution containing PBS, 5% mannitol 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 -20°C to -80°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.**