



Tinzyme Co., Limited

Email: sales@tinzyme.com

Website: www.tinzyme.com

Tel: +86-755-86134126

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

Recombinant Human EPO

Product Number: CK05801

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human EPO (Ala28-Arg193)

Accession # P01588

Predicted molecular mass: 18.3 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: ≤ 10 EU/mg by the LAL method

Activity: Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is ≤ 0.1 ng/mL, corresponding to a specific activity of $\geq 1.5 \times 10^5$ IU/mg.

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

Size: 10 μg /vial, 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.