



Tinzyme Co., Limited

Email: sales@tinzyme.com

Website: www.tinzyme.com

Tel: +86-755-86134126

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

Recombinant Human Insulin

Product Number: CK10001

Characteristics:

Source: Yeast

Description: Human Insulin

(α chain: G-I-V-E-Q-C-C-T-S-I-C-S-L-Y-Q-L-E-N-Y-C-N

beta chain: F-V-N-Q-H-L-C-G-S-H-L-V-E-A-L-Y-L-V-C-G-E-R-G-F-F-Y-T-P-K-T)

Accession # P01308

Predicted molecular mass: 5.8 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: ≤ 20 EU/mg by the LAL method

Formulation: Lyophilized from a 0.22 μ m-filtered solution

Size: 100 mg/vial, 1 g/vial

Handling and Storage:

Reconstitution: It is recommended to redissolve in sterile 0.01 M HCl at a concentration of not less than 1 mg/mL.

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.