

Recombinant Human Insulin

Catalog Number : mly10001

Characteristics:

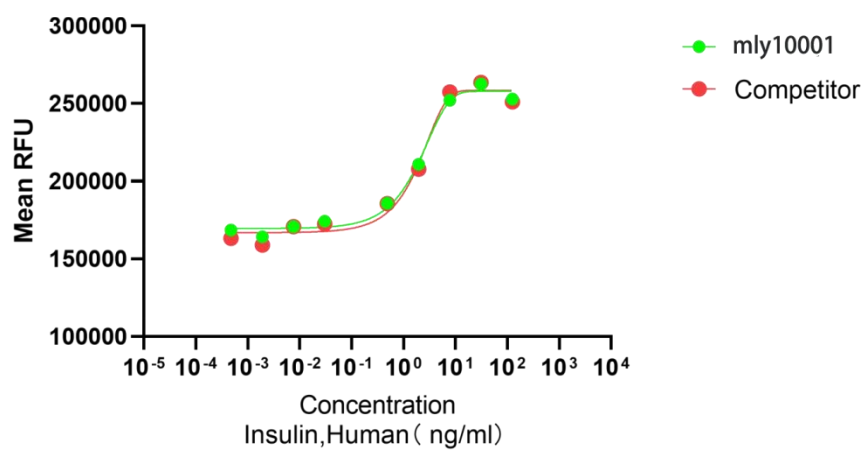
Source	Yeast
Description	Human Insulin (alpha chain: G-I-V-E-Q-C-C-T-S-I-C-S-L-Y-Q-L-E-N-Y-C-N beta chain: F-V-N-Q-H-L-C-G-S-H-L-V-E-A-L-Y-L-V-C-G-E-R-G-F-F-Y-T-P-K-T) Accession # P01308
Predicted molecular mass	5.8 kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥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 µm-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 1mg/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.

Data:**Bioactivity**

Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells.