

Recombinant Human IL-6

Catalog Number: Y02301

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human Interleukin-6(Val30-Met212) Accession # P05231
Predicted molecular mass	20.8 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	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using M-NSF-60 cells. The ED ₅₀ for this effect is 0.2-1 ng/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:

It is recommended to redissolve in sterile deionized water.

Reconstitution

Shipping

The product is shipped with blue ice.

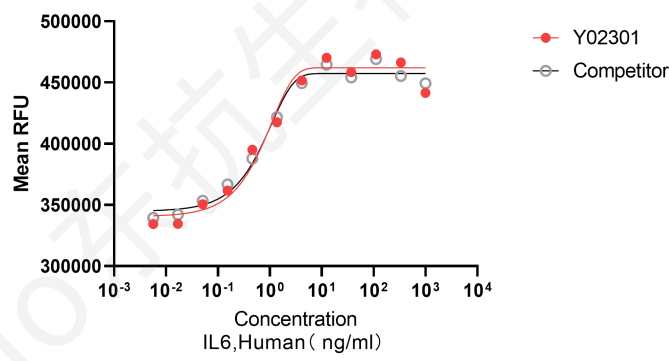
Storage & Stability

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

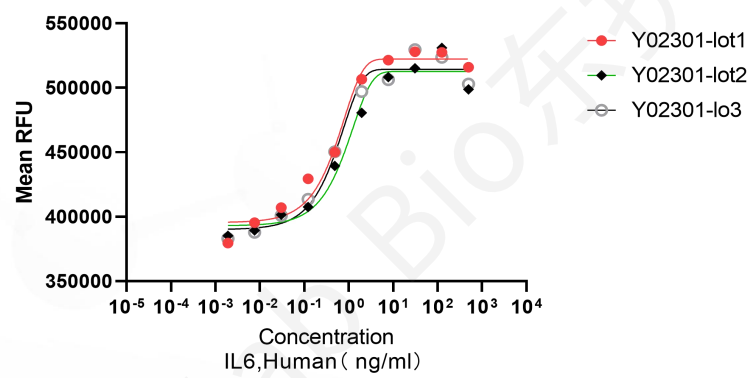
Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



Measured in a cell proliferation assay using M-NFS-60 cells. The ED50 for this effect is 0.2-1 ng/mL. The activity of Y02301 is equivalent to the other competing product.



Measured in a cell proliferation assay using M-NFS-60 cells.