

Recombinant Human IL-13

Catalog Number : mly06501

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human IL13 (Gly35-Asn146) Accession # P35225
Predicted molecular mass	12.3 kDa

Specification:

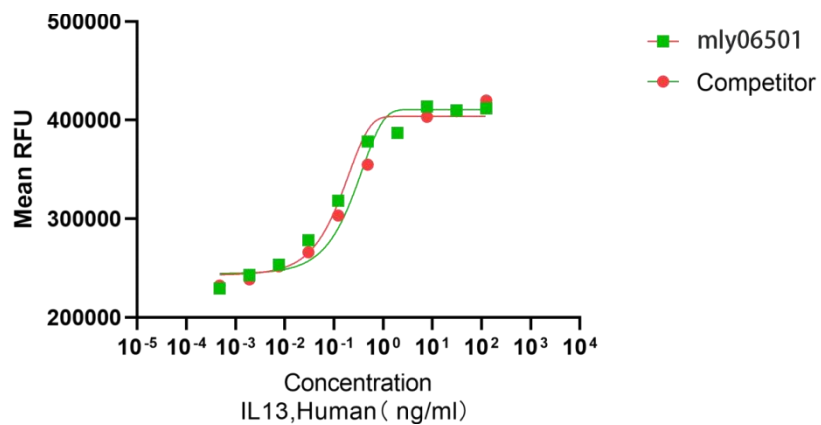
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell proliferation assay using TF-1 cells. The $ED_{50} \leq 1.0\text{ng/ml}$, corresponding to a specific activity of $\geq 1 \times 10^6 \text{ U/mg}$.
Formulation	Lyophilized from a 0.22 μm -filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4
Size	50 $\mu\text{g/vial}$, 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 7-10 days at 2°C to 8°C under sterile conditions after reconstitution 6 months at -20°C to -80°C under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

Bioactivity



Human IL-13(Cat. No. mly06501) measured in a cell proliferation assay using TF-1 cells. The ED₅₀ is ≤ 1.0 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ U/mg. The activity of IL-13(Cat. No. mly06501) was equivalent to other competing products.