

Recombinant Human IL-13

Catalog Number: OM643797

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 $\geq 95\%$, 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 cells. The $ED_{50} \leq 1.0$ ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ U/mg.

Formulation Lyophilized from a 0.22 μ m-filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Size 50 μ g/vial, 1 mg/vial

Handling and Storage:

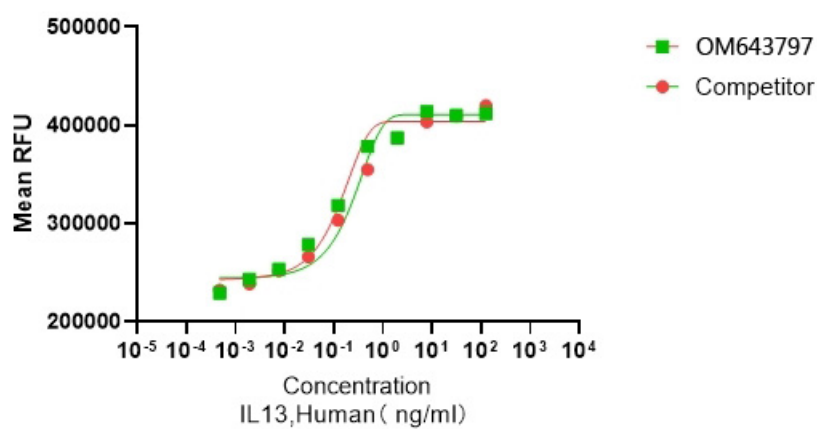
Reconstitution It is recommended to redissolve in sterile deionized water.

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. OM643797) measured in a cell proliferation assay using TF-1 cells. The ED_{50} is \leq

1.0ng/ml, corresponding to a specific activity of $\geq 1 \times 10^6$ U/mg. The activity of IL-13(Cat. No. OM643797) was equivalent to other competing products.