

Recombinant Human TGF- β 1

Cat. No.:MGC081 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human TGF- β 1 (Ala279-Ser390)
Accession # P01137

Predicted molecular mass 12.8 kDa(monomer)

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 \leq 0.01EU/ μ g by the LAL method

Activity Measured in a cell inhibition assay using TF-1 cells at IL4 presence. The ED₅₀ for this effect is \leq 0.1ng/mL.

Formulation Lyophilized from a 0.22 μ m-filtered solution containing 0.085% TFA, 30% ACN, 5% mannitol, pH 2.5

Handling and Storage:

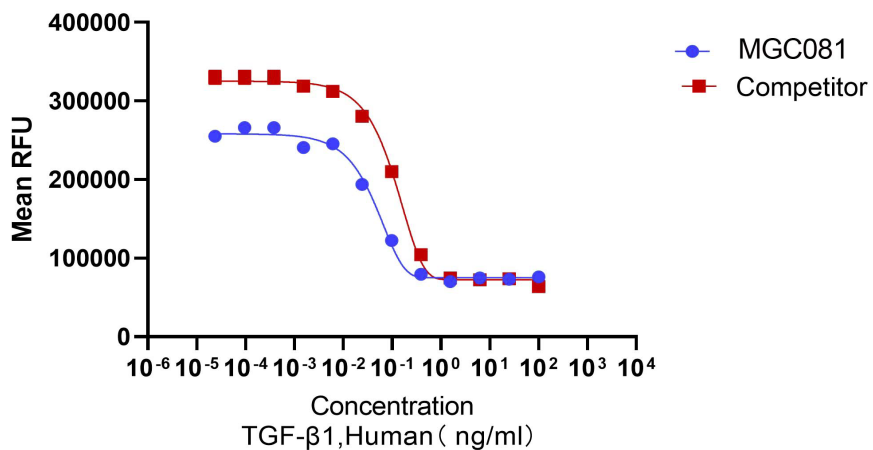
Reconstitution It is recommended to redissolve in 4mM HCL.

Shipping Wet ice (seasonal)

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 inhibition assay using TF-1 cells at IL4 presence. The ED₅₀ for this effect is ≤0.1ng/mL. The activity of MGC081 was higher than other competing products.

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