

Recombinant Human TGF- 2

Cat. No.:MGC082 size : 10 μ g / 50 μ g / 1mg

Characteristics:

Source Chinese Hamster Ovary cell line

Description Human TGF- β 2 (Ala303-Ser414)

Accession # P61812

Predicted molecular mass 12.7kDa(monomer)

Specification:

Appearance White powder, Colorless clear liquid after reconstitution

Purity \geq 95%, by SDS-PAGE (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 0.3ng/mL.

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

Handling and Storage:

Reconstitution It is recommended to redissolve in 4 mM HCl.

Shipping Wet ice (seasonal)

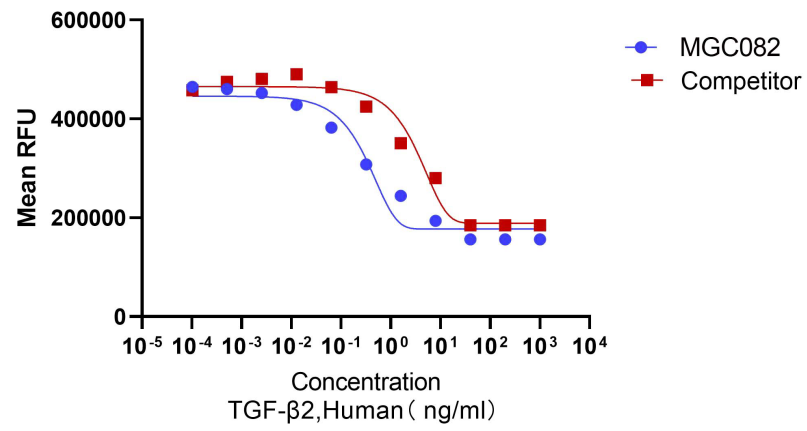
Storage & Stability 36 months at -20°C to -80°C in lyophilized state
6 months at -20°C to -80°C under sterile conditions after reconstitution
7-10 days at 2°C to 8°C under sterile conditions after reconstitution

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



Data:

Bioactivity



Measured in a inhibition assay using TF-1 cells in the presence of IL4.