Recombinant Human TGF-β3

Catalog Number: OM643804

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human TGFβ3 (Ala 301-Ser 412) Accession # P10600
Predicted molecular mass	13 kDa(monomer)

Specification:

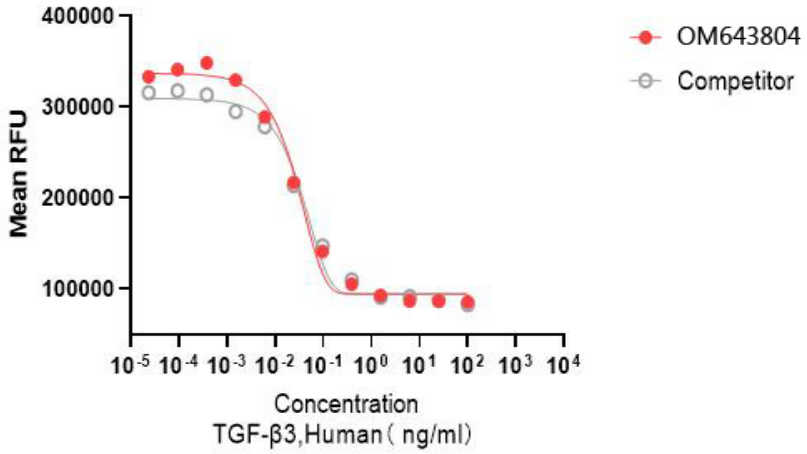
Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured in a cell inhibition assay using TF-1 cells at IL4 presence. The ED_{50} for this effect is ≤0.2ng/mL.
Formulation	Lyophilized from a 0.22 μm-filtered solution containing 100 mM Glycine, 150 mM NaCl, 5% mannitol and 0.01% Tween 80, pH 4.0
Size	50 μg/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 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 inhibitionn assay using TF-1 cells at IL4 presence.The ED_{50} for this effect is ≤0.2 ng/mL.

The activity of OM643804 was higher than other competing products.