Recombinant Human TGF-β2

Catalog Number: OM643803

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human TGF-β2 (Ala303-Ser414) Accession # P61812
Predicted molecular mass	12.7kDa(monomer)

Specification:

Appearance	White powder,Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (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. TheED_{50} for this effect is ≤0.3ng/mL.
Formulation	Lyophilized from a 0.2 um filtered solution containing 0.085% TFA,5% mannitol and 30% ACN, pH 2.5
Size	50 μg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in 4 mM HCl.
Shipping	The product is shipped with blue ice
Storage & Stability	36 months at 2°C to 8°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.**