

RP02069

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Recombinant Human TGF-beta 2 Protein

Catalog No.: RP02069

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	7042	P61812

Tags

No Tag

Synonyms

TGFB2;G-TSF;LDS4;TGF-beta2

Product Information

Source	Purification
HEK293 cells	> 95% by Tris-Bis PAGE;> 95% by SEC-HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Background

Basic Information

Description

Recombinant Human TGF beta 2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Arg303-Ser414) of Human TGF beta 2 fused with no tag .

Bio-Activity

Storage

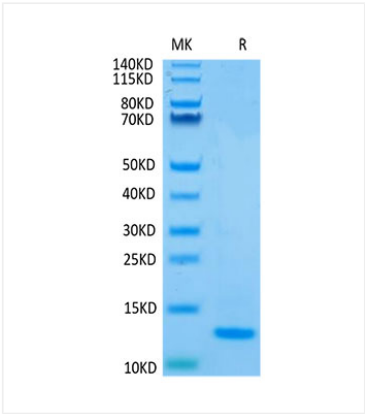
Store the lyophilized protein at -20°C to -80°C for long term.
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

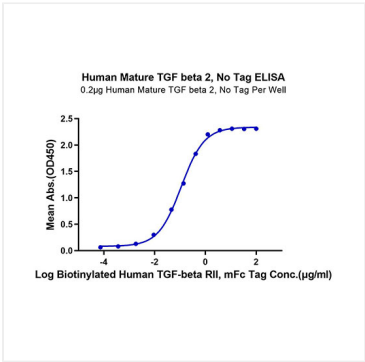


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Validation Data



Human Mature TGF beta 2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



Immobilized Human Mature TGF beta 2, No Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human TGF-beta RII, mFc Tag with the EC₅₀ of 0.11µg/ml determined by ELISA.