

RP02071

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Recombinant Human TGF beta Receptor II Protein

Catalog No.: RP02071

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	7048	P37173

Tags

C-mFc&Avi

Synonyms

AAT3;FAA3;LDS1B;LDS2;LDS2B;MFS2;RIIC;TAAD2;TGFR-2;TGFbeta-RII;TGF beta Receptor II;TGFB2; AAT3; FAA3; LDS1B; LDS2; LDS2B; MFS2; RIIC; TAAD2; TGFR-2; TGFbeta-RII; TGF-beta receptor type-2

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by 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

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Basic Information

Description

Recombinant Human TGFR-2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ile24-Asp159) of Human TGF-beta RII / TGFB2 fused with a mFc and a Avi tag at C-terminal.

Bio-Activity

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

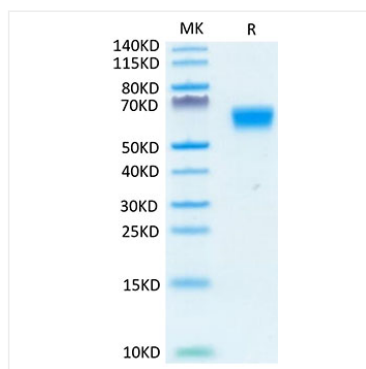
Contact



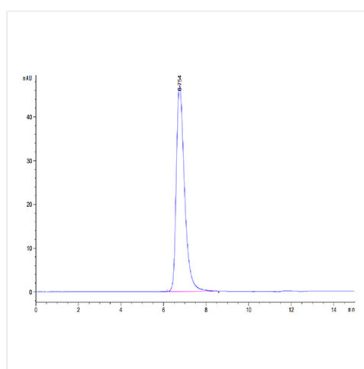
www.abclonal.com

* For your safety and health, please wear a lab coat and disposable gloves when handling.

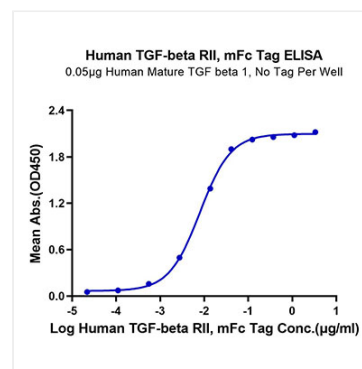
Validation Data



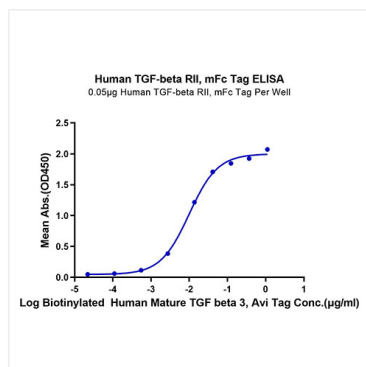
Recombinant Human TGF beta Receptor II Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human TGF-beta RII is greater than 95% as determined by SEC-HPLC.



Immobilized Human Mature TGF beta 1, No Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Human TGF-beta RII, mFc Tag with the EC₅₀ of 8ng/ml determined by ELISA.



Immobilized Human TGF-beta RII, mFc Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human Mature TGF beta 3, Avi Tag with the EC₅₀ of 9.9ng/ml determined by ELISA.