

RP02072

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# Recombinant Human TGF beta Receptor II Protein

Catalog No.: RP02072 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	7048	P37173

### Tags

N-hFc

### 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	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

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

## Background

## Basic Information

### Description

Recombinant Human TGF-beta RII / TGFB2 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Ile24-Asp159) of Human TGF-beta RII / TGFB2 fused with hFc Tag N-terminal.

### Bio-Activity

Immobilized Biotinylated Human TGF Beta1,His Tag at 1 μg/ml (100 μL/Well). Dose response curve for TGFB2,Fc Tag with the EC<sub>50</sub> of 17.4 ng/mL determined by ELISA.

### Storage

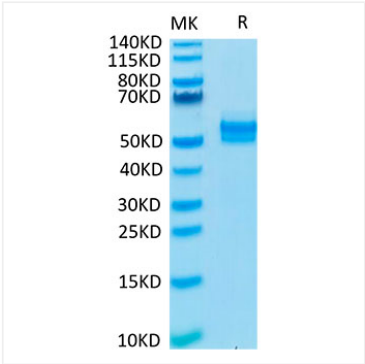
Store the lyophilized protein at -20°C to -80°C for long term.<br/>After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

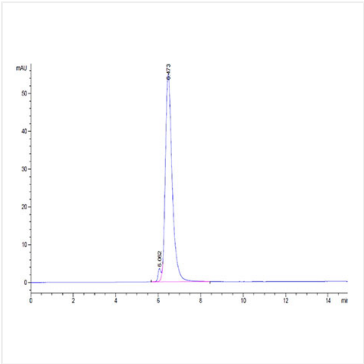


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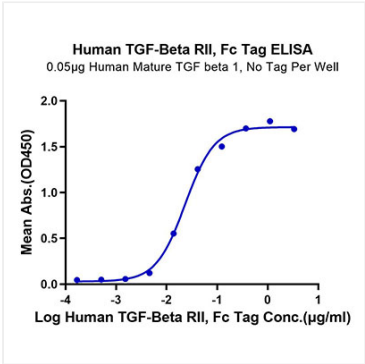
Validation Data



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



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



Immobilized Human Mature TGF beta 1 at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Human TGF-beta RII, hFc Tag with the EC<sub>50</sub> of 23.2ng/ml determined by ELISA.