

RP02071

Leader in Biomolecular Solutions for Life Science



# 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	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 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 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.

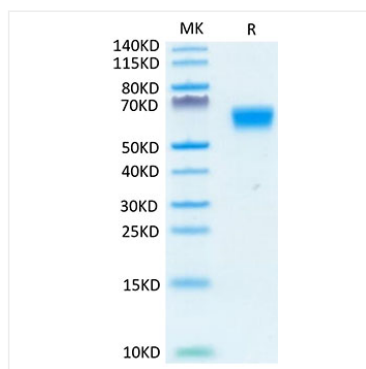
Avoid repeated freeze/thaw cycles.

## Contact

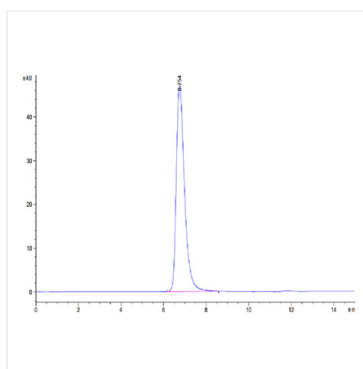


[www.abclonal.com](http://www.abclonal.com)

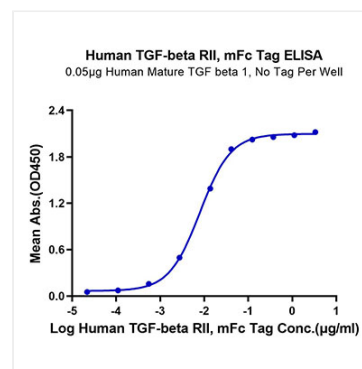
## Validation Data



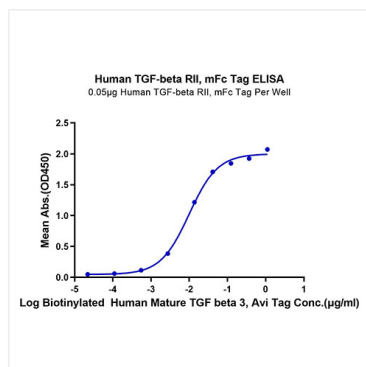
Human TGF-beta RII on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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



Immobilized Human Mature TGF beta 1, No Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Human TGF-beta RII, mFc Tag with the  $EC_{50}$  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  $EC_{50}$  of 9.9ng/ml determined by ELISA.