

Active Recombinant Human TGFBR2 protein, mFc-Avi-tagged, Biotinylated, Low Endotoxin

Cat. No. TGFBR2-237H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TGFBR2 protein(P37173-1)(24-159 aa), fused with C-terminal mFc and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-159 aa
Conjugation/Label	Biotin
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Mature TGF beta 2, No Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human TGF-beta RII, mFc Tag with the EC50 of 0.53µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 44 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [TGFB2 transforming growth factor, beta receptor II \(70/80kDa\) \[Homo sapiens \]](#)

Official Symbol [TGFB2](#)

Synonyms TGFB2; transforming growth factor, beta receptor II (70/80kDa); MFS2, transforming growth factor, beta receptor II (70 80kD); TGF-beta receptor type-2; tbetaR-II; TGF-beta receptor type II; TGF-beta type II receptor; TGF-beta receptor type IIB; transforming growth factor-beta receptor type II; transforming growth factor beta receptor type IIC; transforming growth factor, beta receptor II (70/80kDa) isoform 1; transforming growth factor, beta receptor II (70/80kDa) isoform 2; AAT3; FAA3; MFS2; RIIC; LDS1B; LDS2B; TAAD2; TGFR-2; TGFbeta-RII;

Gene ID [7048](#)

mRNA Refseq [NM_001024847](#)

Protein Refseq [NP_001020018](#)

MIM [190182](#)

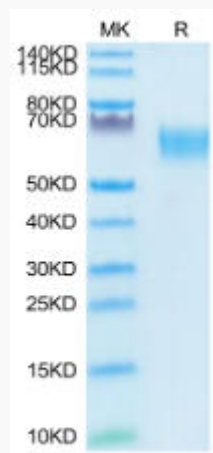
UniProt ID [P37173](#)

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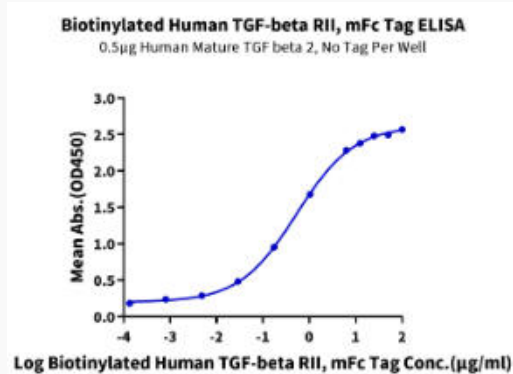
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Bis-Tris PAGE



ELISA Data



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