

Recombinant Human TGFR2 protein, mFc-Avi-tagged

Cat. No. TGFR2-4643H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TGFR2 protein(P37173-1)(Ile24-Asp159), fused with C-terminal mFc-Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ile24-Asp159
Tag	C-mFc-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	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 6.4ng/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 Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

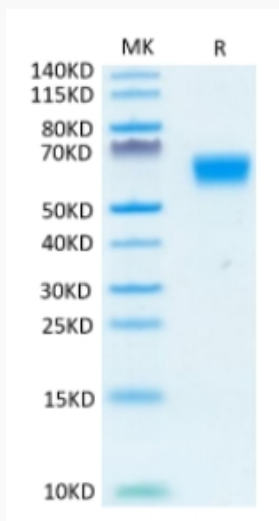
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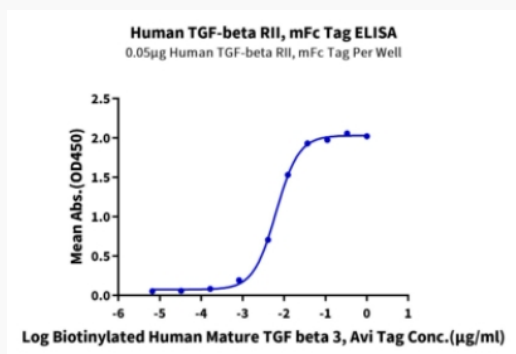
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

Tris-Bis PAGE



ELISA Data



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