

Active Recombinant Human TGFBR1 protein, Fc-tagged

Cat. No. TGFBR1-696H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TGFBR1 protein(P36897)(Leu34-Glu125) is expressed in HEK293 with a human IgG1 Fc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	34-125 aa
Form	Supplied as a 0.2 µm filtered solution of PBS, pH7.4.
Bio-activity	Loaded Biotinylated Human TGF-beta 1 on SA Biosensor, can bind Recombinant Human TGFBR1 with an affinity constant of 0.788 uM as determined in BLI assay.
Molecular Mass	37.2 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Concentration	0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire

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contents.

GENE INFORMATION

Gene Name [TGFB1 transforming growth factor, beta receptor 1 \[Homo sapiens \]](#)

Official Symbol [TGFB1](#)

Synonyms TGFB1; transforming growth factor, beta receptor 1; transforming growth factor, beta receptor I (activin A receptor type II like kinase, 53kD); TGF-beta receptor type-1; activin A receptor type II like kinase; 53kDa; ACVRLK4; ALK 5; tbetaR-I; TGF-beta receptor type I; TGF-beta type I receptor; activin receptor-like kinase 5; transforming growth factor beta receptor I; serine/threonine-protein kinase receptor R4; activin A receptor type II-like kinase, 53kD; activin A receptor type II-like kinase, 53kDa; transforming growth factor-beta receptor type I; activin A receptor type II-like protein kinase of 53kD; transforming growth factor, beta receptor I (activin A receptor type II-like kinase, 53kD); AAT5; ALK5; MSSE; SKR4; ALK-5; LDS1A; LDS2A; TGFR-1;

Gene ID [7046](#)

mRNA Refseq [NM_001130916](#)

Protein Refseq [NP_001124388](#)

MIM [190181](#)

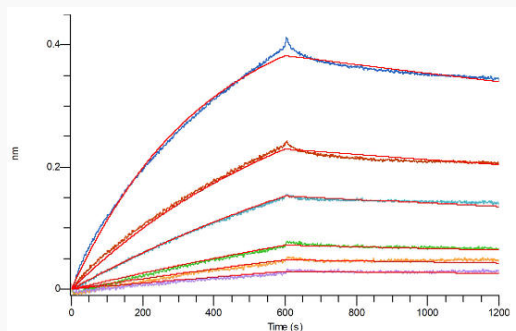
UniProt ID [P36897](#)

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Activity



SDS-PAGE

