

Active Recombinant Human TGFBR2 protein, Fc-His-tagged

Cat. No. TGFBR2-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TGFBR2 protein(NP_003233.4)(Thr23-Asp159) is expressed in HEK293, fused with an Fc, 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	23-159 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human TGFBR1 at 2 µg/mL (100 µL/well) can bind recombinant human TGFBR2 with a linear range of 1-5 ng/mL.
Molecular Mass	42.30 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION
Gene Name

TGFBR2 transforming growth factor, beta receptor II (70/80kDa) [Homo sapiens]

Official Symbol

TGFBR2

Synonyms

TGFBR2; 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

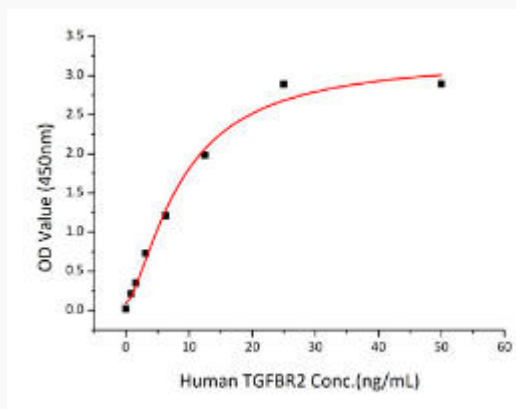
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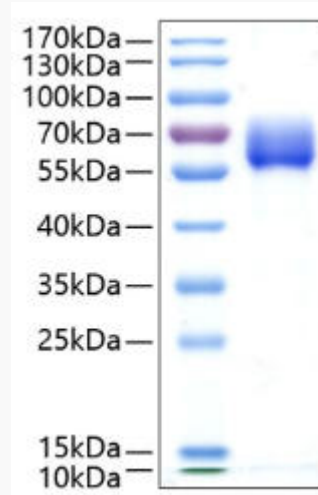
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Activity



SDS-PAGE



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