

## Recombinant Human TGFBR2 protein(Met1-Asp159), hFc-tagged

**Cat. No.** TGFBR2-159H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TGFBR2 (NP_003233.4) (Met1-Asp159) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Asp159
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized TGFBR2h (1-166Q) at 10 µg/mL (100 µL/well) can bind TGFB1-His/Biotin, the EC50 of human TGFB1-His/Biotin is 130-300 ng/mL.
<b>Molecular Mass</b>	The recombinant human TGFBR2 consists of 375 amino acids and predicts a molecular mass of 42.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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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