

Recombinant Human TGFBR2 protein(Met1-Asp159), His&hFc-tagged, Biotinylated

Cat. No. TGFBR2-1384H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human TGFBR2(NP_003233.4)(Met1-Asp159) was expressed in HEK293 with the fused C-terminal His-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Asp159
Conjugation/Label	Biotin
Form	Lyophilized from sterile PBS. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Human TGFB R2/Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The monomer consists of 383 amino acids and predicts a molecular mass of 43.4 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	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.

Conjugation

Biotin

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

P37173

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