

## Active Recombinant Human TGFBR2 protein, His-tagged

Cat. No. TGFBR2-0795H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TGFBR2 protein(Thr23-Asp159), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	23-159 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Serial dilutions of Human TGF-beta RII, His Tag were added into Human Latent TGFB1, His Tag: Biotinylated Human TGF-beta RII, His,Avitag binding reactions. The half maximal inhibitory concentration (IC50) is 0.39287 µg/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 17.4 kDa. The protein migrates as 25-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Thr23-Asp159
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. 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** 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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