

Active Recombinant Human TGFR2 protein, hFc&His-tagged

Cat. No. TGFR2-1251H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TGFR-2 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Thr23-Asp159) of human TGFR2 (Accession #NP_003233.4) fused with an Fc, 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Thr23-Asp159
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 TGFB1 at 2 µg/mL (100 µL/well) can bind recombinant human TGFR2 with a linear range of 1-5 ng/mL.
Molecular Mass	55-75 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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](#)

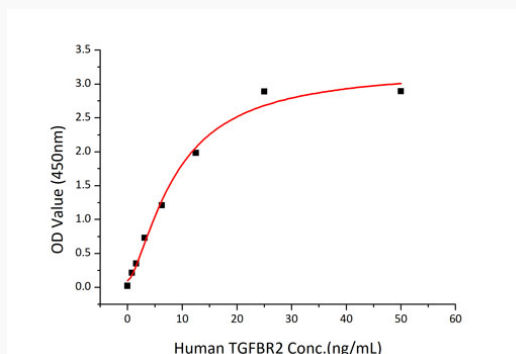
UniProt ID [P37173](#)

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Activity



SDS-PAGE

