Active Recombinant Human TGFBR2 protein, hFc&His-tagged

Cat. No. TGFBR2-1251H **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 TGFBR2 (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 TGFBR2 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.

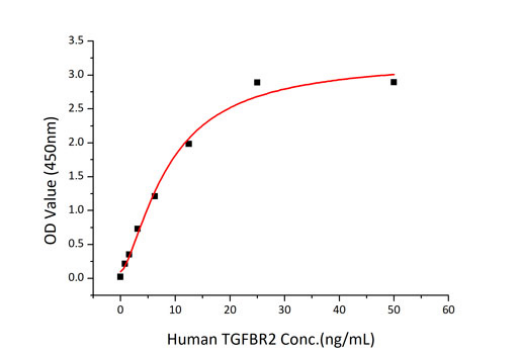
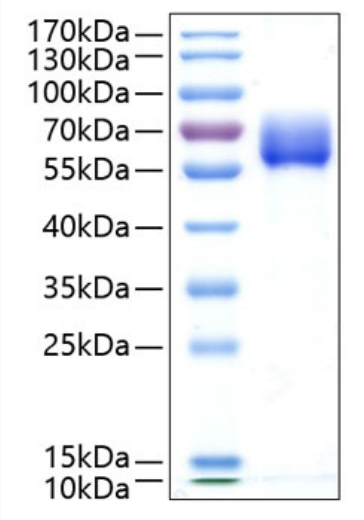
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	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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Activity	
SDS-PAGE	

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