

Active Recombinant Rat Tgfbr2 protein(Met1-Gln166), hFc-tagged

Cat. No. Tgfbr2-8722R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat TGFB2 (P38438) (Met1-Gln166) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Gln166
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to bind recombinant Canine TGFB1-His in a functional ELISA.
Molecular Mass	The recombinant Rat TGFB2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 384 amino acids and has a predicted molecular mass of 43 kDa. The apparent molecular mass of the protein is approximately 54 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the 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.

GENE INFORMATION

Gene Name [Tgfr2 transforming growth factor, beta receptor II \[Rattus norvegicus \]](#)

Official Symbol [Tgfr2](#)

Synonyms

TGFR2; transforming growth factor, beta receptor II; TGF-beta receptor type-2; TGFR-2; tbetaR-II; TGF-beta receptor type II; TGF-beta type II receptor; transforming growth factor beta, receptor 2; transforming growth factor, beta receptor 2; transforming growth factor, beta receptor IIT; transforming growth factor-b type II receptor; transforming growth factor beta receptor type II; transforming growth factor-beta receptor type II; transforming growth factor-beta type II receptor; Tgfr2T; TGF-beta 2;

Gene ID [81810](#)

mRNA Refseq [NM_031132](#)

Protein Refseq [NP_112394](#)

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