

Active Recombinant Mouse TGFBR2 protein, His-Avi-tagged, Biotinylated

Cat. No. TGFBR2-0794M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse TGFBR2 protein(Ile24-Asp184), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	24-184 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Latent TGFβ1, His Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Mouse TGF-beta RII, His,Avitag with a linear range of 1-31 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 21.7 kDa. The protein migrates as 32-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ile24-Asp184
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.

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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.
Conjugation	Biotin

GENE INFORMATION

Gene Name	Tgfb ^r 2 transforming growth factor, beta receptor II [Mus musculus]
Official Symbol	TGFBR2
Synonyms	TGFBR2; transforming growth factor, beta receptor II; TGF-beta receptor type-2; TGFR-2; TGF-beta receptor II; TGF-beta receptor type II; TGF-beta type II receptor; transforming growth factor-beta receptor type II; DNIIR; RIIDN; TBR-II; AU042018; TbetaRII; TbetaR-II; 1110020H15Rik;
Gene ID	21813
mRNA Refseq	NM_009371
Protein Refseq	NP_033397

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