

Active Recombinant Mouse Tgfbr1, Fc Chimera

Cat. No. Tgfbr1-439M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfbr1 (Accession # BAA05023) was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Mouse
Source	Sf21 Cells
Predicted N Terminal	Ala21 & Thr22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Rat Endoglin/CD10 ⁵ Fc Chimera or Recombinant Mouse Endoglin/CD10 ⁵ Fc Chimera is immobilized at 2 µg/mL (100 µL/well), the concentration of Recombinant Mouse TGF-beta RI/ALK-5 Fc Chimera that produces 50% of the optimal binding response is found to be approximately 0.25-1.25 µg/mL.
Molecular Mass	Recombinant Mouse Tgfbr1, Fc Chimera has a calculated MW of 37.5 kDa (monomer). In SDS-PAGE migrates as 40-50 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Tgfbr1 transforming growth factor, beta receptor I [Mus musculus]
Official Symbol	Tgfbr1
Synonyms	TGFBR1; transforming growth factor, beta receptor I; TGF-beta receptor type-1; ESK2; TGFR-1; TGF-beta receptor type I; transforming growth factor-beta receptor type I; ALK5; Alk-5; TbetaRI; AU017191; TbetaR-I;
Gene ID	21812
mRNA Refseq	NM_009370
Protein Refseq	NP_033396
MIM	

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