

Active Recombinant Mouse Tgfbr3 Protein, His-tagged

Cat. No. Tgfbr3-658M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfbr3 (Accession # NP_035708) Gly23-Thr785, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gly23-Thr785
Predicted N Terminal	Gly23
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit TGF-beta 2 activity on HT-2 mouse T cells. Tsang, M. et al. (1995) Cytokine 7:389. The ED50 for this effect is typically 8 - 40 ng/mL in the presence of 1 ng/mL of rhTGF-beta 2.
Molecular Mass	Recombinant Mouse Tgfbr3, His-tagged has a calculated MW of 85.6 kDa. In SDS-PAGE migrates as 105-115 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	Tgfbr3 transforming growth factor, beta receptor III [Mus musculus]
Official Symbol	Tgfbr3
Synonyms	TGFBR3; transforming growth factor, beta receptor III; transforming growth factor beta receptor type 3; TGFR-3; betaglycan; TGF-beta receptor type 3; TGF-beta receptor type III; TBRIII; AU015626; AW215636; 1110036H20Rik;
Gene ID	21814
mRNA Refseq	NM_011578
Protein Refseq	NP_035708
MIM	

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