

Active Recombinant Mouse Tgfb2

Cat. No. Tgfb2-620M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfb2 (Accession # NP_033393) Met1-Ser414, fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Met1-Ser414
Predicted N Terminal	Ala303
Form	Lyophilized from a 0.2 µ filtered solution in HCl with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit the IL-4-dependent proliferation of HT-2 mouse T cells. Tsang, M. et al. (1995) Cytokine 7:389. The ED50 for this effect is typically 0.05-0.3 ng/mL.
Molecular Mass	Recombinant Mouse Tgfb2 has a calculated MW of 12.7 kDa. In SDS-PAGE migrates as 10 kDa, reducing conditions.
Purity	>95%, 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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Reconstitution Reconstitute at 100 g/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [Tgfb2 transforming growth factor, beta 2 \[Mus musculus \]](#)

Official Symbol [Tgfb2](#)

Synonyms TGFB2; transforming growth factor, beta 2; transforming growth factor beta-2; TGF-beta-2; Tgfb-2; BB105277; Tgf-beta2;

Gene ID [21808](#)

mRNA Refseq [NM_009367](#)

Protein Refseq [NP_033393](#)

MIM

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