

Active Recombinant Mouse Tgfb1 Protein, His-tagged

Cat. No. Tgfb1-621M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfb1 (Accession # NP_033395) Gly24-His683, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Protein Length	Gly24-His683
Predicted N Terminal	Gly24
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	Measured by its ability to induce adhesion of ATDC5 mouse chondrogenic cells. 100 ng/ml beta 1G-H3, immobilized at 5 μg/mL (100 μ/well), can induce greater than 50% cell adhesion.
Molecular Mass	Recombinant Mouse Tgfb1, His-tagged has a calculated MW of 73.1 kDa. In SDS-PAGE migrates as 70 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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Reconstitution Reconstitute at 100 g/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [Tgfbi transforming growth factor, beta induced \[Mus musculus \]](#)

Official Symbol [Tgfbi](#)

Synonyms TGFBI; transforming growth factor, beta induced; transforming growth factor-beta-induced protein ig-h3; beta ig-h3; transforming growth factor, beta induced, 68 kDa; 68kDa; big-h3; Beta-ig; AI181842; AI747162; MGC150270;

Gene ID [21810](#)

mRNA Refseq [NM_009369](#)

Protein Refseq [NP_033395](#)

MIM

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