

Active Recombinant Mouse TGF-beta 1 Protein

Cat. No. TGFb1-33M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Mouse Tgfb1 Protein is produced by CHO Cells expression system. |
| Species | Mouse |
| Source | CHO |
| ProteinLength | Ala279-Ser390 |
| Form | Lyophilized from a 0.2 µm 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 0.04-0.2 ng/mL. |
| Molecular Mass | 12.8 kDa (monomer) |
| Endotoxin | <0.01 EU per 1 µg of the protein by the LAL method. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain |
| Storage | Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution. |

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Reconstitution Reconstitute at 50 µg/mL in 4 mM HCl containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [Tgfb1 transforming growth factor, beta 1 \[Mus musculus \]](#)

Official Symbol [TGFB1](#)

Synonyms TGFB1; transforming growth factor, beta 1; TGF-beta 1; TGF-beta-1; Tgfb; Tgfb-1; TGFbeta1; TGF-beta1;

Gene ID [21803](#)

mRNA Refseq [NM_011577](#)

Protein Refseq [NP_035707](#)

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