

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA