

Recombinant Mouse Tgfb1 protein, His-tagged

Cat. No. Tgfb1-520M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tgfb1 protein(P04202)(Met1-Ser390), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Ser390
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant mouse Latent TGFB1 comprises 372 amino acids and has a predicted molecular mass of 42.7 kDa. The apparent molecular mass of the protein is approximately 15, 41 and 54 kDa in SDS-PAGE under reducing conditions, corresponding to mature TGFβ1, LAP protein and latent TGFβ1 respectively due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

 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

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Tgfb1 transforming growth factor, beta 1 [Mus musculus]

Official Symbol Tgfb1

Synonyms

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

Gene ID 21803

mRNA Refseq NM_011577

Protein Refseq NP_035707

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