

Recombinant Rat Tgfb1, His tagged

Cat. No. TGFB1-152R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tgfb1 (P17246) (Met1-Ser390), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-390 a.a.
Predicted N Terminal	Leu 30
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat Latent TGFB1 comprises 372 amino acids and predicts a molecular mass of 42.7 kDa. The apparent molecular mass of the recombinant protein is approximately 55, 38 and 16 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

 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

Storage

Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION**Gene Name**

Tgfb1 transforming growth factor, beta 1 [*Rattus norvegicus*]

Official Symbol

Tgfb1

Gene ID

59086

mRNA Refseq

NM_021578

Protein Refseq

NP_067589

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