

## Recombinant Rat Tgfb1 protein, His-tagged

**Cat. No.** Tgfb1-3570R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tgfb1 protein(P17246)(30-278aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	30-278aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	34.0 kDa
<b>AA Sequence</b>	LSTCKTIDMELVKRKRIEAIKRGQILSKLRLASPPSQGEVPPGGLPEAVLALYNSTRDRV AGESADPEPEPEADYYAKEVTRVLMVDRNNAIYDKTKDITHSIYMFNTSDIREAVPE PPLLSRAELRLQRFKSTVEQHVELYQKYSNNSWRYLGNRLLTPTDTPPEWLSFDVTG VVRQWLNQGDGIQGFSAHCSKDNVHVEINGISPKRRGDLGTIHDMMRPFLL LLMATPLERAQHLHSSRHRR
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION****Gene Name**

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

**Official Symbol**

Tgfb1

**Synonyms**

TGFB1; transforming growth factor, beta 1; transforming growth factor beta-1; TGF-beta-1; transforming growth factor, beta-1; Tgfb;

**Gene ID**

59086

**mRNA Refseq**

NM\_021578

**Protein Refseq**

NP\_067589

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