

Recombinant Rat Tgfb1 Protein, His-tagged

Cat. No. Tgfb1-26R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tgfb1(Met1-Ser390) fused with His tag at N-terminal was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	1-390 a.a.
Predicted N Terminal	Leu 30
Form	Lyophilized from sterile PBS, pH 7.4.
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 -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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
UniProt ID	P17246

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