

Recombinant Mouse Tgfb1 Protein, His-tagged

Cat. No. Tgfb1-045M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Latent TGF beta 1 Protein is expressed from Expi293 with a His Tag at the N-terminal. It contains Leu30-Ser390.
Species	Mouse
Source	HEK293
ProteinLength	Leu30-Ser390
Description	Latent TGF beta 1 cDNA encodes a 390 amino acid precursor that contains a 29 aa signal peptide and a 361 aa proprotein. A furin-like convertase processes the proprotein to generate an N-terminal 249 aa latency-associated peptide (LAP) and a C-terminal 112 aa mature TGF- beta 1. Disulfide-linked homodimers of LAP and TGF- beta 1 remain non-covalently associated after secretion, forming the small latent TGF- beta 1 complex.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE.
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

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Gene Name	Tgfb1 transforming growth factor, beta 1 [Mus musculus (house mouse)]
Official Symbol	Tgfb1
Synonyms	Tgfb; Tgfb-1; TGFbeta; TGF-beta; TGFbeta1; TGF-beta1
Gene ID	21803
mRNA Refseq	NM_011577.2
Protein Refseq	NP_035707.1
UniProt ID	P04202

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