

TGF beta 1**Human, Recombinant, *E. coli*****Cat. No.:** NB-02-1131**Size:** 10µg

Synonym: Transforming growth factor beta-1; TGFβ-1; TGFβ; TGF beta 1; TGF-b1**Description:** TGF beta 1 is a member of the larger TGF beta superfamily of cytokines produced by a wide variety of cells that are involved in the regulation of cell proliferation, differentiation, apoptosis, cellular homeostasis and a wide variety of other cellular functions. TGF beta 1 has been shown to regulate the actions of many other growth factors involved in a range of human diseases including renal disease, hepatic disease, heart failure and cardiomyopathies

Recombinant TGFβ-1 comprises a 112 amino acid fragment (279-390) corresponding to the mature TGF-beta protein sequence and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid.

Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

Purity: Single band on Western blot.**References:** Sporn MB *et al.*, (1986) Science **233 (4763)** 532-534.