

Active GMP Recombinant Human TGFB1 protein, Fc-tagged

Cat. No. TGFB1-329HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TGFB1 protein(NP_000651.3)(374 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human TGF-β1(NP_000651.3) was expressed with Fc tag at the C-terminal.
Bio-activity	ED50 is determined by the ability of TGF-β1, which can inhibit the proliferation ability of mouse IL-4 dependent mouse HT-2 cells, and its value is ≤0.1ng/mL.
Molecular Mass	Recombinant Human TGF-β1 contains 374 aa. It has a predicted MW of 42.2 kDa.
Endotoxin	≤0.05EU/ug
Purity	≥95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

GENE INFORMATION

Gene Name	TGFB1 transforming growth factor, beta 1 [Homo sapiens]
Official Symbol	TGFB1
Synonyms	CED; DPD1; LAP; TGF-beta1; TGFB; TGFbeta
Gene ID	7040
mRNA Refseq	NM_000660
Protein Refseq	NP_000651
MIM	190180
UniProt ID	P01137

 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