

# Active GMP Recombinant Human TGFB2 protein, Fc-tagged

Cat. No. TGFB2-1561HG Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human TGFB2 protein(NP_001129071.1)(374 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human TGF-β2(NP_000871.1) was expressed with Fc tag at the C-terminal.
<b>Bio-activity</b>	ED50 is determined by the ability of TGF-β2, which can inhibit the proliferation ability of mouse IL-4 dependent mouse HT-2 cells, and its value is ≤0.5 ng/mL.
<b>Molecular Mass</b>	Recombinant Human TGFB2 contains 374 aa. It has a predicted MW of 42.1kDa.
<b>Endotoxin</b>	≤0.01EU/ug
<b>Purity</b>	≥95% by SDS-PAGE and HPLC
<b>Storage</b>	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
<b>Reconstitution</b>	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.

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## GENE INFORMATION

**Gene Name** TGFB2 transforming growth factor beta 2 [ Homo sapiens (human) ]

**Official Symbol** TGFB2

**Synonyms** LDS4; G-TSF; TGF-beta2

**Gene ID** 7042

**mRNA Refseq** NM\_001135599.4

**Protein Refseq** NP\_001129071.1

**MIM** 190220

**UniProt ID** P61812

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