

Active GMP Recombinant Human TGFB2 protein, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human TGF-β2(NP_000871.1) was expressed with Fc tag at the C-terminal.
Bio-activity	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.
Molecular Mass	Recombinant Human TGFB2 contains 374 aa. It has a predicted MW of 42.1kDa.
Endotoxin	≤0.01EU/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.

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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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