

Recombinant Human TGFB2, His tagged

Cat. No. TGFB2-556H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TGFB2 (NP_000651.3 & P61812-1) LAP portion (Met 1-Arg 277), fused with the C-terminal polyhistidine tagged mature form of human TGFβ2 (P61812-1) (Ala 303-Ser 414), was produced in Human Cell.
Species	Human
Source	Human Cells
ProteinLength	1-277 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The secreted recombinant human TGFβ1-LAP/TGFB2 chimera comprises 371 amino acids after removal of the signal peptide and has a predicted molecular mass of 42.5 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the chimera is approximately 55 kDa due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution.

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Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TGFB2 transforming growth factor, beta 2 [Homo sapiens]

Official Symbol TGFB2

Gene ID 7042

mRNA Refseq NM_001135599

Protein Refseq NP_001129071

MIM 190220

UniProt ID P61812

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