

## Recombinant Human TGFB2, His tagged

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-277 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per μg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	TGFB2 transforming growth factor, beta 2 [ Homo sapiens ]
<b>Official Symbol</b>	TGFB2
<b>Gene ID</b>	7042
<b>mRNA Refseq</b>	NM_001135599
<b>Protein Refseq</b>	NP_001129071
<b>MIM</b>	190220
<b>UniProt ID</b>	P61812

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