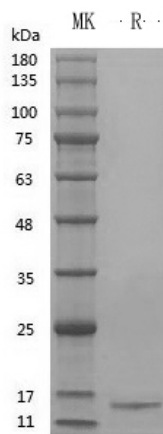


## Summary

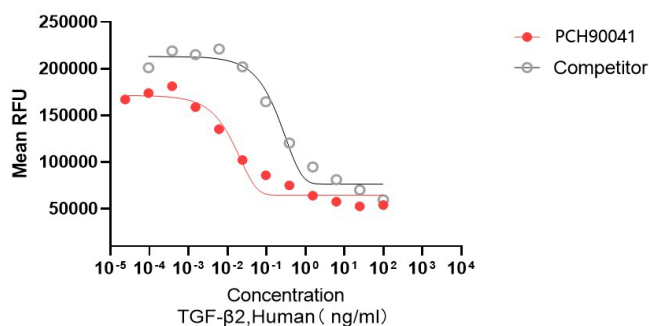
<b>Name</b>	TGF-β2
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	≤10 EU/mg
<b>Construction</b>	Recombinant Human TGF-β2 is produced by our Mammalian cell expression system and the target gene encoding Ala 303-Ser 414 is expressed.
<b>Accession #</b>	P61812
<b>Tag</b>	Tag free
<b>Host</b>	Mammalian cell
<b>Species</b>	Human
<b>Predicted MW</b>	12.7 kDa
<b>Form</b>	Lyophilized
<b>Buffer</b>	0.085% TFA,30% ACN,5% mannitol,pH 2.5
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

Product Name: GMP Recombinant Human TGF-β2  
Catalog#: PCH90041



## Bioactivity image



The ED50 for this effect is  $\leq 0.3$ ng/mL.

## Background

### Alternative Names

Transforming growth factor beta-2; TGFB2; Polyergin; G-TSF; Glioblastoma-derived T-cell suppressor factor; Cetermin; BSC-1 cell growth inhibitor; TGF-beta-2

### References

Transforming growth factor beta-2 (TGF-β2) is a secreted protein which belongs to the TGF-beta family. It is known as a cytokine that performs many cellular functions and has a vital role during embryonic development. The precursor is cleaved into mature TGF-beta-2 and LAP, which remains non-covalently linked to mature TGF-beta-2 rendering it inactive. It is an extracellular glycosylated protein. It is known to suppress the effects of interleukin dependent T-cell tumors. Defects in TGFB2 may be a cause of non-syndromic aortic disease (NSAD).

**Product Name: GMP Recombinant Human TGF- $\beta$ 2**  
**Catalog#: PCH90041**

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**Note**

For research use only .