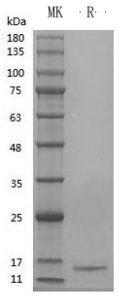
Product Name: Recombinant Human TGF-β2
Catalog #: PCH2538

Summary

Name	TGF-β2
Purity	Greater than 98% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human TGF-β2 is produced by our Mammalian cell expression system and the target gene encoding Ala 303-Ser 414 is expressed.
Accession #	P61812
Host	Human Cells
Species	Human
Predicted Molecular Mass	12.7 kDa
Formulation	Lyophilized From 0.085% TFA,30% ACN,5% mannitol,pH 2.5
Shipping	The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	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



Background

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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
Background	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).

Note

For Research Use Only , Not for Diagnostic Use.