产品名称：GMP Recombinant Human TGF-β2
产品货号：PCH90041

概述（Summary）

英文全称	TGF-β2
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	≤10 EU/mg
蛋白构建（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
蛋白标签（Tag）	Tag free
表达宿主（Host）	Mammalian cell
种属（Species）	Human
预测分子量（Predicted MW）	12.7 kDa
蛋白形态（Form）	Lyophilized
储存缓冲液（Buffer）	0.085% TFA,30% ACN,5% mannitol,pH 2.5
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	36 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（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.

电泳图（SDS-PAGE image）

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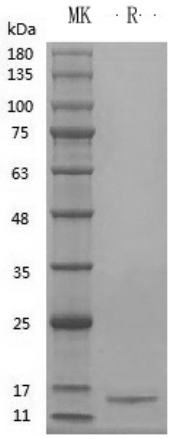
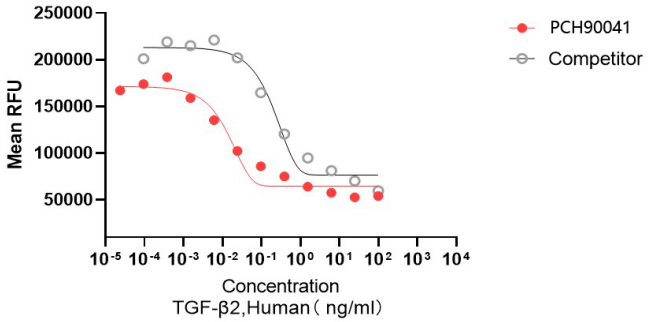


活性验证图（Bioactivity image）



Measured in a cell inhibition assay using TF-1 cells at IL4 presence. The ED50 for this effect is ≤0.3ng/mL.

背景（Background）

分子别名（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

背景介绍（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).

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注意事项（Note）

For research use only .