

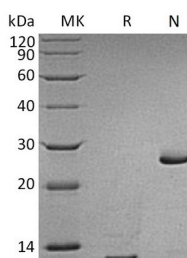
Product Name: Recombinant Human TGF-beta 2
Catalog #: PHH1623



Summary

Name	TGF- β 2/TGF-beta 2/TGFB2/Transforming Growth Factor β -2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<0.01 EU/ μ g as determined by LAL test.
Construction	Recombinant Human Transforming Growth Factor Beta 2 is produced by our Mammalian expression system and the target gene encoding Ala303-Ser414 is expressed.
Accession #	P61812
Host	Human Cells
Species	Human
Predicted Molecular Mass	12.7 KDa
Formulation	Lyophilized from a 0.2 μ m filtered solution of 4mM HCl.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Alternative Names	Transforming growth factor beta-2; TGFB2; Polyergin; G-TSF; Glioblastoma-derived
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Background

T-cell suppressor factor; Cetermin; BSC-1 cell growth inhibitor; TGF-beta-2
Transforming growth factor beta-2 (TGF- β 2) 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.