

TGF-β2

Catalog # PVGS1557

Product Information

Primary Accession P61812
Species Human

Sequence Ala303-Ser414

Purity > 95% as analyzed by SDS-PAGE

Endotoxin Level

Biological Activity ED₅₀

Expression System Human Cells

Formulation Lyophilized from a 0.2 Im filtered solution in 4 mM HCl.

Reconstitution It is recommended that this vial be briefly centrifuged prior to opening to

bring the contents to the bottom. Reconstitute the lyophilized powder in

ddH₂O up to 100 □g/ml.

Storage & Stability Upon receiving, this product remains stable for up to 6 months at -70°C or

-20°C. Upon reconstitution, the product should be stable for up to 1 week at

4°C or up to 3 months at -20°C. Avoid repeated freeze-thaw cycles.

Additional Information

Gene ID 7042

Other Names Transforming growth factor beta-2 proprotein, Cetermin,

Glioblastoma-derived T-cell suppressor factor, G-TSF, Latency-associated peptide, LAP, Transforming growth factor beta-2, TGF-beta-2, TGFB2

Target 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).

Protein Information

Name TGFB2

Function [Transforming growth factor beta-2 proprotein]: Precursor of the

Latency-associated peptide (LAP) and Transforming growth factor beta-2 (TGF-beta-2) chains, which constitute the regulatory and active subunit of TGF-beta-2, respectively.

Cellular Location

[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix {ECO:0000250 | UniProtKB:P01137}

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.