

Technical Data Sheet

Product Name: TGF b 1 (113 a.a.) Recombinant Protein

Catalogue Number: BPBOI050

Volume: 10µg-10mg

Alternative Name: Transforming growth factor beta-1, TGF-beta-1, CED, DPD1, TGFB, TGF-b 1.

Description:

Source : Escherichia Coli. TGF-b 1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 113 amino acids (279-390 a.a.) and having a total molecular mass of 12.9 kDa. TGF-b 1 (113 a.a.) is purified by proprietary chromatographic techniques. Transforming growth factor betas (TGFβs) mediate many cell-cell interactions that occur during embryonic development. Three TGFβs have been identified in mammals. TGFβ1, TGFβ2 and TGFβ3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule.

Product Info:

Amount : 10 µg- 10mg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : The TGF-b 1 solution contains 10mM Sodium Citrate (pH3.5) and 10% glycerol.

Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid : MALDTNYCFS STEKNCCVRQ LYIDFRKDLG WKWIHEPKGY HANFCLGPCP
YIWSLDTQYS KVLALYNQHN PGASAAPCCV PQALEPLPIVYYVGRKPKVE
QLSNMIVRSC KCS.

Technical Assistance:

At BioPioneer, we are committed to providing top-notch technical support and ensuring its accessibility. For any technical assistance, please email us at info@biopioneer.in.