

Transforming Growth Factor-Beta 1 (113 a.a.) Human Recombinant

Item Number	rAP-2481
Synonyms	Transforming growth factor beta-1, TGF-beta-1, CED, DPD1, TGFB, TGF-b 1.
Description	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.
Uniprot Accession Number	P01137
Amino Acid Sequence	MALDTNYCFS STEKNCCVRQ LYIDFRKDLG WKWIHEPKGY HANFCLGPCP YIWSLDTQYS KVLALYNQHN PGASAAPCCV PQALEPLPIVYVGRKPKVE QLSNMIVRSC KCS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The TGF-b 1 solution contains 10mM Sodium Citrate (pH3.5) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**