

Transforming Growth Factor-beta 3 Human Recombinant, CHO

Item Number	rAP-2482
Synonyms	Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.
Description	TGF-b 3 Human Recombinant produced in CHO is a disulfide-linked homodimeric, glycosylated, polypeptide chain containing 112 amino acids and having a molecular mass of 25kDa. The TGF-b 3 is purified by standard chromatographic techniques.
Uniprot Accession Number	P10600
Amino Acid Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Leu-Asp-Thr-Asn.
Source	Chinese Hamster Ovarian Cells.
Physical Appearance and Stability	Sterile Filtered clear solution. TGF-beta 3 although stable at 4°C. for 3 weeks, should be stored at -20°C to -70°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Formulation and Purity	The protein solution contains 20% Ethanol and 0.1% Acetic acid. Greater than 97.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	The biological activity was determined using cell toxicity assay via HT-2 cells. The ED50 was found to be < 0.05ng/ml, corresponding to a specific activity of 20,000,000IU/mg.
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**