

## Transforming Growth Factor-beta 3 Human Recombinant, CHO

<b>Item Number</b>	rAP-2482
<b>Synonyms</b>	Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.
<b>Description</b>	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.
<b>Uniprot Accesion Number</b>	P10600
<b>Amino Acid Sequence</b>	The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Leu-Asp-Thr-Asn.
<b>Source</b>	Chinese Hamster Ovarian Cells.
<b>Physical Appearance and Stability</b>	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).
<b>Formulation and Purity</b>	The protein solution contains 20% Ethanol and 0.1% Acetic acid. Greater than 97.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	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.
<b>Shipping Format and Condition</b>	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 end users! This product is sold for **Research Use Only**