

Transforming Growth Factor-Beta 3 Human Recombinant

Item Number	rAP-2475
Synonyms	Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.
Description	TGF- β 3 Human Recombinant produced in E.Coli is a disulfide-linked homodimeric, non-glycosylated, polypeptide chain containing two 113 amino acid chains and having a total molecular mass of 25.8kDa. The TGF- β 3 is purified by standard chromatographic techniques.
Uniprot Accession Number	P10600
Amino Acid Sequence	MALDTNYCFRN LEENCCVRPL YIDFRQDLGW KVVHEPKGYG ANFCSGPCPY LRSADTTTST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKKCK CS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. TGF-beta 3 although stable at room temperature for 1 week, should be stored at 4°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 10mM Acetic acid (AcOH). Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	The activity is determined by the ability to induce chondrogenic differentiation.
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**