

Transforming Growth Factor-Beta 3 Mouse Recombinant

Item Number	rAP-2473
Synonyms	Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.
Description	TGF-b3 Mouse Recombinant produced in E.Coli is a disulfide-linked homodimeric, non-glycosylated, polypeptide chain containing 112 amino acids and having a molecular mass of 25.5kDa. The TGF-b 3 is purified by standard chromatographic techniques.
Uniprot Accession Number	Q99K17
Amino Acid Sequence	ALDTNYCFRN LEENCVRPL YIDFRQDLGW KVVHEPKGYG ANFCSGPCPY LRSADTTHTST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKVSK CS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Mouse TGF-beta 3 although stable at room temperature for 3 weeks, 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 Mouse TGFB3 protein solution contains 20% Ethanol and 0.12% Acetic acid. Greater than 96.0% 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**