

32-1776: mTGF b 3 Recombinant Protein

Alternative Name : Transforming Growth Factor-beta3,TGFB3,ARVD,FLJ16571,TGF-beta3.

Description

Source : Escherichia Coli. 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. Transforming growth factor betas (TGF Betas) mediate many cell-cell interactions that occur during embryonic development. Three TGF Betas have been identified in mammals. TGF Beta 1, TGF Beta 2 and TGF Beta 3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule.

Product Info

Amount :	10 µg
Purification :	Greater than 96.0% as determined by SDS-PAGE.
Content :	The Mouse TGFB3 protein solution contains 20% Ethanol and 0.12% Acetic acid.
Storage condition :	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).
Amino Acid :	ALDTNYCFRN LEENCCVRPL YIDFRQDLGW KVVHEPKGY ANFCSGPCPY LRSADTTTST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKVSKSCK CS.

Application Note

The activity is determined by the ability to induce chondrogenic differentiation.