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32-1771: TGF b 3 Recombinant Protein

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

Description

Source : Escherichia Coli. TGF-beta 3 Human Recombinant produced in E.Coli is a disulfide-linked homodimeric, non-glycosylated, polypeptide chain containing two 112 amino acid chains and having a total 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 protein solution contains 20% Ethanol and 0.12% Acetic acid.
Storage condition :	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).
Amino Acid :	MALDTNYCFRN LEENCCVRPL YIDFRQDLGW KWVHEPKGYY ANFCSGPCPY LRSADTTHST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVVKSCK CS.

Application Note

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