

## 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

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 96.0% as determined by SDS-PAGE.
<b>Content :</b>	The protein solution contains 20% Ethanol and 0.12% Acetic acid.
<b>Storage condition :</b>	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).
<b>Amino Acid :</b>	MALDTNYCFRN LEENCCVRPL YIDFRQDLGW KVVHEPKGYI ANFCSGPCPY LRSADTTTST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKKSCS CS.

### Application Note

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

