

Technical Data Sheet

Product Name: TGF b 3 Recombinant Protein

Catalogue Number: BPBOI045

Volume: 10µg-10mg

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, nonglycosylated, 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- 10mg

Purification : Greater than 95.0% 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 KVVHEPKGY Y ANFCSGPCPY
LRSADTTHST VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ
LSNMVVKSCK CS.

Application:

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

Technical Assistance:

At BioPioneer, we are committed to providing top-notch technical support and ensuring its accessibility. For any technical assistance, please email us at info@biopioneer.in.