

## TGF b 3 Human, CHO

**Description:** TGF-b 3 Human Recombinant produced in CHO is a disulfide-linked homodimeric, glycosylated, polypeptide chain containing 112 amino acids and having a molecular mass of 25kDa. The TGF-b 3 is purified by standard chromatographic techniques.

**Catalog #:** CYPs-692

For research use only.

**Synonyms:** Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.

**Source:** Chinese Hamster Ovarian Cells.

**Physical Appearance:** Sterile Filtered clear solution.

**Amino Acid Sequence:** The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Leu-Asp-Thr-Asn.

**Purity:** Greater than 97.0% as determined by SDS-PAGE.

**Formulation:**

The protein solution contains 20% Ethanol and 0.1% Acetic acid.

**Stability:**

TGF-beta 3 although stable at 4°C. for 3 weeks, should be stored at -20°C to -70°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Transforming growth factor betas (TGFβs) mediate many cell-cell interactions that occur during embryonic development. Three TGFβs have been identified in mammals. TGFβ1, TGFβ2 and TGFβ3 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.

**Biological Activity:**

The biological activity was determined using cell toxicity assay via HT-2 cells. The ED50 was found to be

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