



Recombinant Human TGFB3

Datasheet

Catalog Number: PR27164

Product Type: Recombinant Protein

Source: *E. Coli*

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.

Description/Molecular Mass: TGF-b3 Human Recombinant produced in E.Coli is a disulfide-linked homodimeric, nonglycosylated, polypeptide chain containing 112 amino acids and having a molecular mass of 25,445 Dalton.
The TGF-b 3 is purified by standard chromatographic techniques.

Purity: Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Protein Content: Protein quantitation was carried out by two independent methods1. UV spectroscopy at 280 nm using the absorbency value of 1.718 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics).
2. Analysis by RP-HPLC, using a calibrated solution of TGFB3 as a Reference Standard

Biological Activity: The ED₅₀ as determined by the cell toxicity assay using the WHO Standard 98/608 as a direct comparison is < 0.05ng/ml corresponding to a specific activity of 20MU/mg.

Format: The protein solution contains 20% Ethanol and 0.12% Acetic acid.

Storage: 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).
Do not freeze

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