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32-1764: TGF b 1 CHO Recombinant Protein(Discontinued)

Alternative Name : Transforming growth factor beta-1,TGF-beta-1,CED,DPD1,TGFB,TGF-b 1,LAP,TGFB1.

Description

Source : Chinese Hamster Ovary cells. TGFB1 Human Recombinant produced in CHO cells is a homodimeric polypeptide chain containing 2 x 112 amino acids and having a total molecular mass of 25kDa. Transforming growth factor betas (TGFBetas) mediate many cell-cell interactions that occur during embryonic development. Three TGFBetas have been identified in mammals. TGFBeta1, TGFBeta2 and TGFBeta3 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 95% as determined by SDS-PAGE.
Content :	The TGF b 1 Human 0.22µm filtered solution (0.24mg/ml) contains 20mM TRIS HCl buffer pH 7.2.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	ALDTNYCFSS TEKNCCVRQL YIDFRKDLGW KWIHEPKGYH ANFCLGPCPY IWSLDTQYSK VLALYNQHNP GASAAPCCVP QALEPLPIVY YVGRKPKVEQ LSNMIVRSCK CS

Application Note

The ED50 for this effect is typically 20-60ng/ml before activation and 0.1-1ng/ml after activation as measured by TGF-b1's ability to inhibit the mouse IL-4-dependent proliferation of HT-2 cells.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.