



Product Datasheet

Product Name	Transforming Growth Factor-Beta 3 (207 a.a.) Human Recombinant
Cata No	CB500221
Source	<i>Escherichia Coli</i> .
Synonyms	Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.

Description

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.

TGFB3 Human Recombinant protein encoding amino acids 644-850 and total molecular mass of 50 kDa.

Physical Appearance

Sterile Filtered clear solution.

Formulation

100µl purified human TGF Beta 3 protein at 100µg/ml in 50mM Tris-Acetate, pH-7.5, 1mM EDTA and 20% Glycerol.

Stability

TGF-beta 3 Human Recombinant although stable at 4°C for 1 week, should be stored at -20°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please avoid freeze-thaw cycles.

Applications

- (a) ELISA.
- (b) Western Blotting.
- (c) Inhibition Assays.