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TGFB3 Human, HEK

Transforming Growth Factor-Beta 3 Human Recombinant, HEK
GRF0396

Product Overview

Name	TGFB3 Human, HEK

Description

Transforming Growth Factor-Beta 3 Human Recombinant, HEK

Accession (Primary)	P10600

Synonyms

Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.

Introduction

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.

Source

HEK.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

The TGF-b 3 was lyophilized from 1mg/ml in 1xPBS.

Stability

Lyophilized TGF-b 3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TGF-b 3 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 95% as obsereved by SDS-PAGE.

Biological Activity

The specific activity was determined by the dose-dependent inhibition of IL-4 induced proliferation of mouse HT-2 cells (BALB/c spleen activated by sheep erythrocytes in the presence of IL-2) and is typically 0.1-0.5ng/ml.

Solubility

It is recommended to reconstitute the lyophilized TGF-b 3 in sterile 4mM HCl containing 0.1% endotoxin-free

recombinant HSA.

Precautions

TGFB3 Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P10600)