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## 32-12316: Human Transforming Growth Factor-beta 3

**Gene :** TGFB3 **Gene ID :** 7043 **Uniprot ID :** P10600

Alternative Name: Transforming growth factor beta-3, LAP

## **Description**

Source: Genetically modified E.coli.

Predicted MW:Â Dimer, 12.9/25.7 kDa (113/226 aa)

Transforming growth factors (TGFs) are multifunctional peptides that regulate growth and differentiation in most cell types. The TGF-beta family of proteins signal through serine/threonine kinase receptors. TGF-beta isoforms (TGF-beta 1, -beta 2, and Â-beta 3) have overlapping, yet distinct biological actions in developing and adult tissues. TGF-beta 3 is an important factor in regulating cell adhesion and accelerating wound repair. TGF-beta 3 also functions during osteoblast proliferation, chemotaxis, and collagen synthesis.

## **Product Info**

**Amount :**  $10 \mu g / 100 \mu g$ 

**Purification:** Reducing and Non-Reducing SDS PAGE at >= 95%

**Content:** In solution: 10 mM acetic acid and 20% Ethanol at a concentration of 0.25 mg/mL

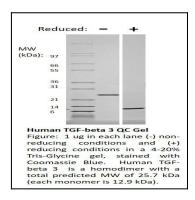
**Storage condition :** Store at 4°C

Amino Acid: MALDTNYCFR NLEENCCVRP LYIDFRQDLG WKWVHEPKGY YANFCSGPCP YLRSADTTHS TVLGLYNTLN

PEASASPCCV PQDLEPLTIL YYVGRTPKVE QLSNMVVKSC KCS

## **Application Note**

**Endotoxin:** Less than 0.1 ng/ $\tilde{A}$  $\square \hat{A}$  $\mu g$  (1 IEU/ $\tilde{A}$  $\square \hat{A}$  $\mu g$ ) as determined by LAL test. Biological Activity was determined by Inhibition of IL-4-induced HT-2 cell proliferationat <=1 ng/mL; >= 1.0 x 10^6 units/mg





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