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32-12319: Mouse Transforming Growth Factor-beta 3 (AF)

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

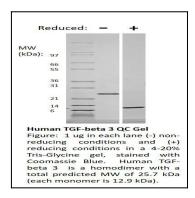
Storage condition : Store at 4°C

Amino Acid: MALDTNYCFR NLEENCCVRP LYIDFRQDLG WKWVHEPKGY YANFCSGPCP YLRSADTTHS TVLGLYNTLN

PEASASPCCV PQDLEPLTIL YYVGRTPKVE QLSNMVVKSC KCS

Application Note

Endotoxin: Less than 0.1 ng/ \tilde{A} $\square \hat{A}$ μg (1 IEU/ \tilde{A} $\square \hat{A}$ μg) 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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