

32-12317: Human Transforming Growth Factor-beta 3 (AF)

Gene :	TGFB3	
Gene ID :	7043	
Uniprot ID :	P10600	
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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)

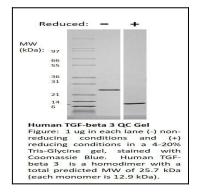
Transforming growth factors (TGFs) are multifunctional peptides that regulate growth and differentiation in most cell types. The TGF-beta family of proteins signal through serine/threonine kinase receptors. TGF-beta isoforms (TGF-beta 1, -beta 2, and Â-beta 3) have overlapping, yet distinct biological 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 μg / 100 μg
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

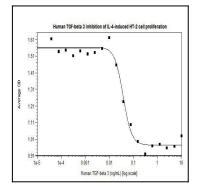
Application Note

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