

# Recombinant Human TGF- $\beta$ 3

<b>CATALOG #:</b>	4344-5	5 $\mu$ g
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	4344-500	500 $\mu$ g
<b>LOT #:</b>	_____	
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	> 98 % by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per $\mu$ g.	
<b>MOL. WEIGHT:</b>	25.5 kDa	
<b>FORM:</b>	Protein solution (0.20 mg/ml) containing 20 % ethanol and 0.12 % acetic acid.	

## STORAGE CONDITIONS:

This protein solution should be stored at 4°C, stable for at least 3 months. For long term storage, it is recommended to add a carrier protein (0.1% HAS or BSA).

## DESCRIPTION:

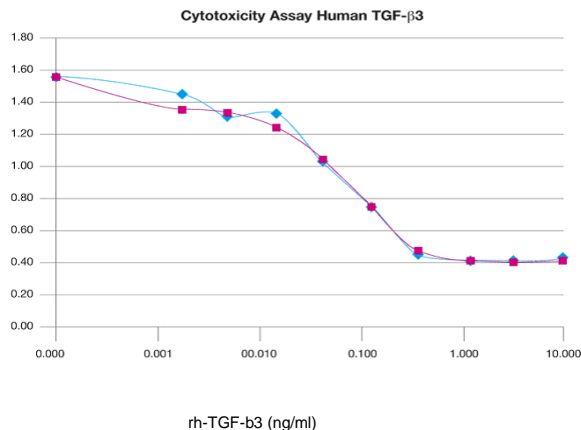
Transforming growth factor  $\beta$ 3 (TGF- $\beta$ 3) is a member of a superfamily of homologous, disulfide-linked, homodimeric proteins that regulate the proliferation and differentiation of normal and transformed cells. Recombinant human TGF- $\beta$ 3 is a 25 kDa protein with each subunit containing 112 amino acid residues.

## BOLOGICAL ACTIVITY:

BioVision's recombinant human TGF- $\beta$ 3 is fully biologically active. The ED<sub>50</sub> was determined by cytotoxicity assay using the WHO standard 98/608 as a direct comparison is  $\leq$  0.05 ng/ml, corresponding to a specific activity of  $\geq 2 \times 10^8$  units/mg.

## AMINO ACID SEQUENCE:

ALDTNYCFRN LEENCCVRPL YIDFRQDLGW KKWVHEPKGYY ANFCSGPCPY LRSADTTHTST  
VLGLYNTLNP EASASPCCV QDLEPLTILY YVGRTPKVEQ LSNMVKVSKS CS



## RELATED PRODUCTS:

### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

### Cell Fractionation System

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- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

### Cell Proliferation & Senescence

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- Senescence Detection Kit
- LDH-Cytotoxicity Assay Kit
- High Throughput Apoptosis and Cell Viability Assay Kits
- Live-Dead Cell Staining Kit

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- HAT Assays and Drug discovery Kits
- DNA Damage Quantification Kit
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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

### Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- $\beta$ -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

### Growth Factors and Cytokines

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