

Recombinant Human TGF- β 3

CATALOG #:	4344-5	5 μ g
	4344-50	50 μ g
	4344-500	500 μ g
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	> 98 % by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per μ g.	
MOL. WEIGHT:	25.5 kDa	
FORM:	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:

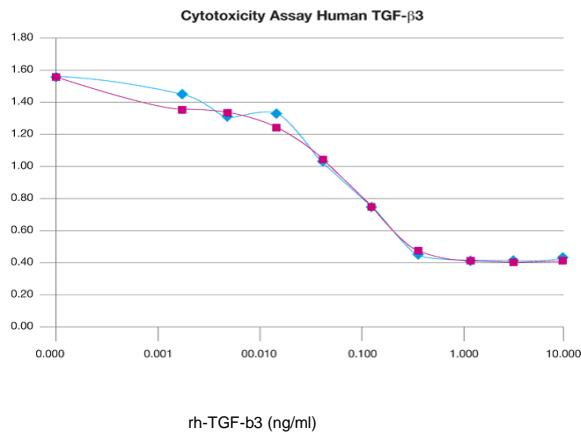
Transforming growth factor β 3 (TGF- β 3) is a member of a superfamily of homologous, disulfide-linked, homodimeric proteins that regulate the proliferation and differentiation of normal and transformed cells. Recombinant human TGF- β 3 is a 25 kDa protein with each subunit containing 112 amino acid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

BOLOGICAL ACTIVITY:

BioVision's recombinant human TGF- β 3 is fully biologically active. The ED₅₀ 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 LRSADTTHST
VLGLYNTLNP EASASPCCV P 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

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

Cell Proliferation & Senescence

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

Cell Damage & Repair

- HDAC Assays & Drug Discovery Kits
- HAT Assays and Drug discovery Kits
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- 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
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies