

Recombinant Human TGF- β 3

CATALOG #:	4344-5	5 μ g
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	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:

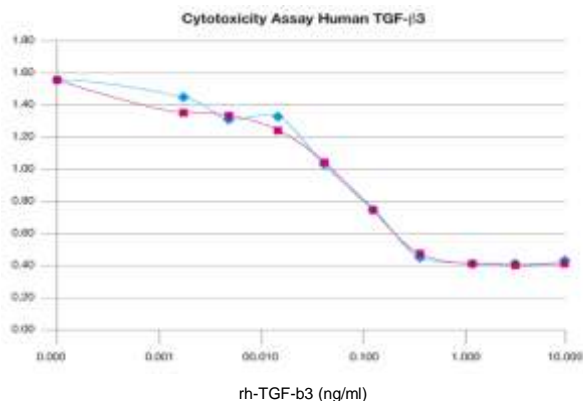
Transforming growth factor β 3 (TGF- β 3) is a member of a superfamily of homologous, disulfide-linked, homodimeric proteins that regulate the proliferation and differentiation of normal and transformed cells. Recombinant human TGF- β 3 is a 25 kDa protein with each subunit containing 112 amino acid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



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