

## Datasheet for ABIN935828

### TGFB3 Protein (full length)

[Go to Product page](#)

#### Overview

Quantity:	10 µg
Target:	TGFB3
Protein Characteristics:	full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

#### Product Details

Characteristics:	Purified recombinant Human TGF beta 3 protein Expression System: E.coli Bioactivity: The ED50 as determined by the cell toxicity assay using the WHO Standard 98/608 as a direct comparison is
Purification:	Proprietary chromatographic technique
Purity:	> 99 % pure

#### Target Details

Target:	TGFB3
Alternative Name:	TGF beta 3 ( <a href="#">TGFB3 Products</a> )
Background:	Transforming growth factor betas (TGF Betas) mediate many cell-cell interactions that occur during embryonic development. Three TGF Betas have been identified in mammals. TGF Beta 1,

## Target Details

TGF Beta 2 and TGF Beta 3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule.

Alternative Names: Transforming Growth Factor-beta3 protein, TGF beta-3 protein, TGFB3 protein, TGF beta-3, TGF-3b protein, TGF beta 3, TGF beta 3 protein, TGF beta-3 protein, TGF beta 3

Molecular Weight: 25, 445 Da

Pathways: [Cell-Cell Junction Organization](#), [Production of Molecular Mediator of Immune Response](#), [Protein targeting to Nucleus](#)

## Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Assay Procedure: Protein quantitation was carried out by two independent methods 1. UV spectroscopy at 280 nm using the absorbency value of 1.718 as the extinction coefficient for a 0.1 % (1 mg/mL) solution.  
2. Analysis by RP-HPLC, using a calibrated solution of TGF-b 3 as a Reference Standard.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Supplied as a liquid with 20 % Ethanol and 0.10 % CH<sub>3</sub>COOH.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage.