

**TGF- $\beta$ 3, Mouse recombinant protein**  
**Transforming growth factor beta-3**  
**Catalog # PBV11195r****Specification**

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**TGF- $\beta$ 3, Mouse recombinant protein - Product info**

Primary Accession	<a href="#">P04202</a>
Concentration	0.25
Calculated MW	25.5 kDa. KDa

**TGF- $\beta$ 3, Mouse recombinant protein - Additional Info**

Gene ID	21803
Gene Symbol	TGF-beta-1
<b>Other Names</b>	
Transforming growth factor beta-3	
Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; $\geq 98\%$
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	ALDTNYCFRN LEENCCVRPL YIDFRQDLGW KVVHEPKGYY ANFCSGPCPY LRSADTTHT VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKCK CS

**Target/Specificity**

TGF-beta-1

**Format**

Liquid

**Storage**

-80°C; 0.25 mg/mL solution containing 20% ethanol and 0.12% acetic acid (AcOH)

**TGF- $\beta$ 3, Mouse recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TGF- $\beta$ 3, Mouse recombinant protein - Images**

**TGF- $\beta$ 3, Mouse recombinant protein - Background**

The Transforming Growth Factors (TGFs) are multifunctional peptides that regulate growth and differentiation in a variety of cells. Recent data suggests that individual TGF- $\beta$  isoforms (TGF- $\beta$ 1, - $\beta$ 2 and - $\beta$ 3) have overlapping, yet distinct biological actions and target cell specificities, both in developing and adult tissues. TGF- $\beta$ 3 is a new isoform that is presumed to play an important role in wound repair and scarring. TGF- $\beta$ 3 is also thought to be involved in osteoblast proliferation, chemotaxis, and collagen synthesis. Recombinant mouse TGF- $\beta$ 3 is a non-glycosylated, disulfide-linked homodimer, containing two 112 amino acid chains, with a total molecular weight of 25.5 kDa.