

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

TGF- β 3, Mouse recombinant protein - Product info

Primary Accession	P04202
Concentration	0.25
Calculated MW	25.5 kDa. KDa

TGF- β 3, Mouse recombinant protein - Additional Info

Gene ID	21803
Gene Symbol	TGF-beta-1
Other Names	
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 KWWHEPKGYY ANFCSGPCPY LRSADTTHT VLGLYNTLNP EASASPCCVP QDLEPLTILY YVGRTPKVEQ LSNMVKKSCS 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- β 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- β 3, Mouse recombinant protein - Images

TGF- β 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- β isoforms (TGF- β 1, - β 2 and - β 3) have overlapping, yet distinct biological actions and target cell specificities, both in developing and adult tissues. TGF- β 3 is a new isoform that is presumed to play an important role in wound repair and scarring. TGF- β 3 is also thought to be involved in osteoblast proliferation, chemotaxis, and collagen synthesis. Recombinant mouse TGF- β 3 is a non-glycosylated, disulfide-linked homodimer, containing two 112 amino acid chains, with a total molecular weight of 25.5 kDa.