

TGF-β3, Mouse recombinant protein

Transforming growth factor beta-3 Catalog # PBV11195r

Specification

TGF-β3, Mouse recombinant protein - Product info

Primary Accession P04202
Concentration 0.25

Calculated MW 25.5 kDa. KDa

TGF-β3, 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; ≥98%

Assay2&Purity2 N/A;
Recombinant Yes

Sequence ALDTNYCFRN LEENCCVRPL YIDFRQDLGW

KWVHEPKGYY ANFCSGPCPY LRSADTTHST VLGLYNTLNP EASASPCCVP ODLEPLTILY

YVGRTPKVEQ LSNMVVKSCK CS

Target/Specificity

TGF-beta-1

Format Liquid

Storage

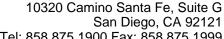
-80°C; 0.25 mg/mL solution containing 20% ethanol and 0.12% acetic acid (AcOH)

TGF-β3, Mouse recombinant protein - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TGF-β3, Mouse recombinant protein - Images





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TGF-β3, 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-β1, -β2 and -β3) have overlapping, yet distinct biological actions and target cell specificities, both in developing and adult tissues. TGF-β3 is a new isoform that is presumed to play an important role in wound repair and scarring. TGF-β3 is also thought to be involved in osteoblast proliferation, chemotaxis, and collagen synthesis. Recombinant mouse TGF-β3 is a non-glycosylated, disulfide-linked homodimer, containing two 112 amino acid chains, with a total molecular weight of 25.5 kDa.