TGF-beta 3, Human CellExp™, human recombinant

CATALOG #: 6481-10 10 µg
6481-50 50 µg

ALTERNATE NAMES: Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta 3.

SOURCE: Human 293 Cell Expressed

PURITY: > 95% by SDS - PAGE

MOL. WEIGHT: 25 kDa, homodimer, nonglycosylated

ENDOTOXIN LEVEL: < 1.0 EU per 1 µg of protein

FORMULATION: Lyophilized from 50 mM sodium acetate, pH 4.5 and 350 mM NaCl. .

RECONSTITUTION: Reconstitute in sterile 4 mM HCl containing 0.1% endotoxin-free recombinant human serum albumin.

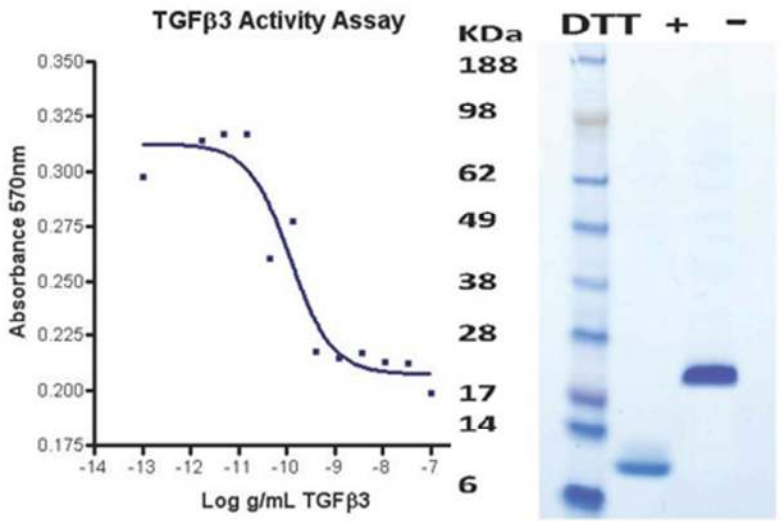
STORAGE CONDITIONS: Aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

ADVANTAGES:

- Animal-derived product free
- High Activity
- Authentic Glycosylation

DESCRIPTION:
Transforming growth factor betas (TGFβ) mediate many cell-cell interactions that occur during embryonic development. Three TGFβs have been identified in mammals. TGF Beta 1, 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. TGF-beta 3 influences pathogenesis and pulmonary development.

BIOLOGICAL ACTIVITY:
ED_{50} is typically 0.1 to 0.5 ng/mL. The specific activity was determined by the dose-dependent inhibition of IL-4 induced proliferation of mouse HT-2 cells (BALB/c spleen activated by sheep erythrocytes in the presence of IL-2).



Human Cell^{exp} Human Recombinant TGF-β3

RELATED PRODUCTS:

- Human Cell^{exp} Human Recombinant TGF-beta 1 **(Cat # 6479-10, -50)**
- Human Cell^{exp} Human Recombinant TGF-beta 2 **(Cat # 6480-10, -50)**
- TGF-beta1, human recombinant **(Cat. No. 4342-5, -50, -500)**
- TGF-beta2, human recombinant **(Cat. No. 4340-5, -50, -500)**
- TGF-beta3, human recombinant **(Cat. No. 4344-5, -50, -500)**
- TGF-beta1 Antibody **(Cat. No. 5559-100)**
- TGF-beta2 Antibody **(Cat. No. 5340-100)**
- TGF-beta2 Antibody **(Cat. No. 5343R-100)**
- TGF-beta3 Antibody **(Cat. No. 5344R-100)**

FOR RESEARCH USE ONLY! Not to be used in humans.