

# Human TGFB3 Recombinant Protein



RPPB0977

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## Product Information    Protein Information

**Product SKU:**

RPPB0977

**Accession:**

P10600

**Host:**

Nicotiana  
benthamiana.

**Protein description:**

TGFB3 Human Recombinant produced in plant is a disulfide-linked homodimeric, glycosylated, polypeptide chain containing 118 amino acids and having a molecular mass of 27.2kDa. The TGFB3 is fused to 6xHis tag at N-terminus and purified by standard chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Transforming Growth Factor-beta3, TGFB3, ARVD, FLJ16571, TGF-beta3.

**Formulation:**

Lyophilized from a concentrated (1mg/ml) solution containing 50mM Tris-HCl pH-7.4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized TGFB3 in sterile 5mM HCl & 50ug/ml BSA at a concentration of 0.05mg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized TGFB3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TGFB3 Human should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

HHHHHALDTNYCFRNLEENCCVRPLYIDFRQDLGWKWWHEPKGYANFCSGPCPYLRSADTTHTSTVLGLYNTLNP  
EASASPCCVPQDLEPLTILYYVGRTPKVEQLSNMVKCKCS.

**Biological Activity:**

The biological activity of TGFB3 is measured in culture by its ability to inhibit the mink lung epithelial (Mv1Lu) cells proliferation. ED50 ? 40ng/ml corresponding to a specific activity of 25,000 Units/mg.