TGF-β1 (human), (recombinant)

Transforming growth factor β1 (TGF-β1) is a member of the TGF-β superfamily of cytokines. Members of this family exhibit regulatory activity in immunity, proliferation, adhesion, migration, and growth inhibition pathways. TGF-β1 signals through SMAD proteins via the TGF-βRI and TGF-βRII receptors.

Citations: 1 View Online »

Ordering Information

Order Online »

ENZ-PRT221-0020	20µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -80°C. For long term storage, it is recommended to dilute to working aliquots in a 0.1% BSA solution.
Short Term Storage	+4°C
Long Term Storage	-80°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Differentiation inhibiting factor, Cartilage-inducing factor, Transforming growth factor β1
Endotoxin Content	≤1 EU/µg protein (LAL test)
Formulation	Lyophilized. Contains 0.1% trifluoroacetic acid and trehalose (in a 20:1 trehalose to protein ratio).
MW	Dimer ~12.8/25.6 kDa
Purity	≥95% (SDS-PAGE)
Reconstitution	Reconstitute in sterile 10 mM HCl at 0.1 mg/mL.
Source	Produced in CHO cells. Contains 112/224 amino acids.
UniProt ID	P01137

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