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Data Sheet

TGFβ1, Latent

Human, recombinant

Catalog #: 90901-1

Lot#: 141016

Formulation: Lyophilized from a 0.2 μM filtered, aqueous solution

Reconstitution: Supplied as a lyophilized solid. Reconstitute in sterile PBS with 0.1% BSA.

Stability: ≥12 months at -80°C (as a solid). Store reconstituted protein in aliquots at -20°C to -80°C for up to 6 months. Avoid freeze/thaw cycles.

References:

1. Derynck, R. *et al.* (1985). *Nature* **316(6030):**701-5.
2. Bourdrel L., *et al.* (1993). *Protein Expr. Purif.* **4:**130-140.
3. Munger, J.S., *et al.* (1997). *Kidney Int.* **51:**1376-1382.

Description:

Human TGFβ1 (GenBank Accession No. NM_000660), a.a. 30-390 (end) (Cys33Ser), N-terminal His-tag, disulfide-linked homodimers of TGFβ1 LAP and mature TGFβ1, MW= ~75 & 25 kDa under non-reducing conditions.

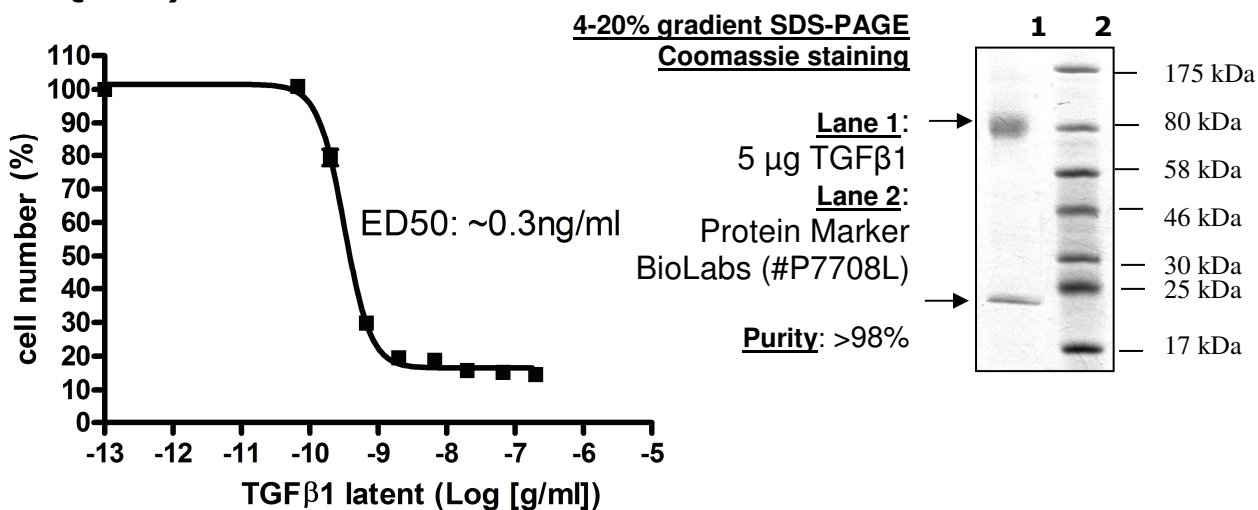
Source: FreeStyle 293-F cells.

Biological Activity: measured by TGFβ1's ability to inhibit mIL-4-dependent proliferation of HT-2 mouse helper T cells. The ED50 is <0.5 ng/ml.

Endotoxin Level: <1 EU/μg.

Application: Useful for cell culture and for the study of signaling and apoptotic pathways.

Quality Assurance



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