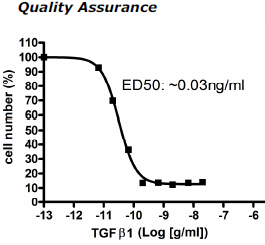
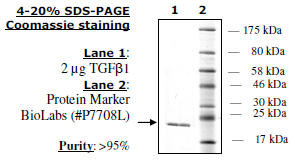
**TGFβ1, Active Human, recombinant**

**Catalog: SC-038-1 1ug**

**SC-038-2 5ug**  
  
**Description:** Human TGFb1 (GenBank   
Accession #NM\_000660), a.a. 279-390(end),   
disulfide-linked homodimer. MW= ~25 kDa.   
  
**Source:** FreeStyle 293-F cells.   
  
**Endotoxin Level:** <1 EU/μg.   
  
**Biological Activity**: measured by TGFβ1’s   
ability to inhibit mIL-4-dependent   
proliferation of HT-2 mouse helper T cells.   
The ED50 is <0.05ng/ml.   
  
**Application:** Useful for cell culture and   
for the study of signaling and apoptotic   
pathways.   
  
**Formulation:** Lyophilized from a 0.2 μM   
filtered, aqueous solution  
  
**Reconstitution:** Supplied as a lyophilized   
solid. Reconstitute in sterile 0.2 M acetic acid   
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.

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