**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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