

## TGF b 1 Human, GST

**Description:** The Recombinant Human TGF-b1 (aa 309-391) is purified by standard chromatographic techniques and shows a 35kDa band on SDS-PAGE (including GST tag).

**Catalog #:** CYPs-480

**Synonyms:** Transforming growth factor beta-1, TGF-beta-1, CED, DPD1, TGFB.

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered solution at a concentration of 0.1 mg/ml.

**Amino Acid Sequence:** The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Leu-Asp-Thr-Asn.

**Purity:** Greater than 80.0% as determined by SDS-PAGE.

**Formulation:**

The protein solution (500

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Transforming growth factor betas (TGF Betas) mediate many cell-cell interactions that occur during embryonic development. Three TGF Betas have been identified in mammals. TGF Beta 1, TGF Beta 2 and TGF Beta 3 are each synthesized as precursor proteins that are very similar in that each is cleaved to yield a 112 amino acid polypeptide that remains associated with the latent portion of the molecule.

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