

## Recombinant Transforming Growth Factor Beta 1 (TGFb1)

Catalog No.: TP04188

50µg

### Sequence Information

**Species:** Human

**Gene ID:**7040

**Swiss Prot:**P01137

**Synonyms:**TGF-B1; CED; DPD1; LAP;

Camurati-Engelmann Disease;

Latency-associated peptide

**Residues:**Ala279~Ser390

ALDTNYCFSSTEKNCCVRQLYIDFRKDLGWKWIHEPKGYHANFCLGPCPYIWSL

DTQYSKVLALYNQHNPGASAAPCCVPQALEPLPIVIVYVGRKPKVEQLSNMIVRS

CKCS

### Product Information

**Source:** Prokaryotic expression.

**Host:** *E. coli*

**Tags:**N-terminal His Tag

**Subcellular Location:** Secreted, Extracellular matrix.

**Purity:** >97%

**Traits:** Freeze-dried powder

**Buffer formulation:**PBS, pH7.4, containing 0.1% SKL, 5% Trehalose.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 8.4

**Predicted Molecular Mass:** 14.3kDa

**Accurate Molecular Mass:** 15kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was





The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.