

Recombinant Transforming Growth Factor Beta 1 (TGFb1)

Catalog No.: TP08721

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: >95%

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 ddH₂O 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

