



TEL:4006-871-227 Web:www.ybio.net Email:shybio@126.com

YBA124Hu01 10 μ g

Recombinant Transforming Growth Factor Beta 1 (TGF β 1)

Organism Species: Homo sapiens (Human)

*Instruction
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May,
2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Ala279~Ser390

Tags: N-terminal His-Tag

Tissue Specificity: Bone.

Subcellular Location: Secreted, extracellular space, extracellular matrix.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

Original Concentration: 200 μ g/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays;
Purification; Amine Reactive Labeling.

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



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Predicted isoelectric point:

8.4 Predicted Molecular Mass:

14.3kDa

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

[USAGE]

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 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 determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

L DEQLALDL L AL DINYCFSSIE KNCCVRQLYI
DFRKDLGWKW IHEPKGYHAN FCLGPCPYIW SLDTQYSKVL ALYNQHNPQA
SAAPCCVPQA LEPLPIVYV GRKPKVEQLS NMIVRSCKCS

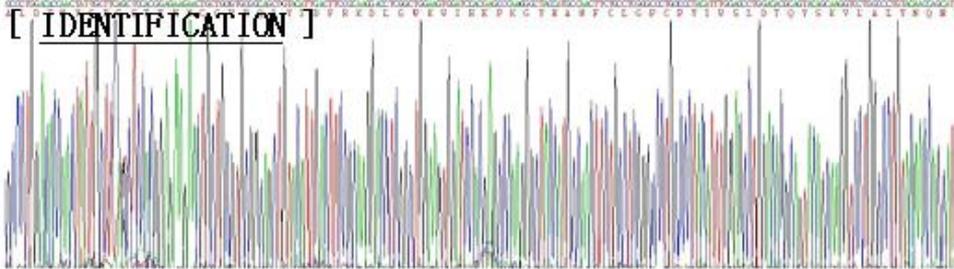


Figure 1. Gene Sequencing (Extract)



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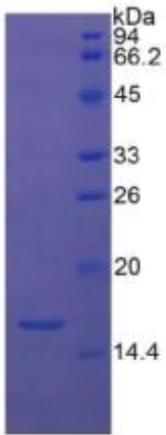


Figure 2. SDS-PAGE