

Recombinant Transforming Growth Factor Beta 1 (TGFb1)**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:** 200ug/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.)

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

