

## Certificate of Analysis

**Name:** Human Immunodeficiency Virus Tat Protein [HIV-1/Clade B (BH10)]

**Product Code:** REC31715-50

**Batch #:**

**Date of Manufacture:**

**Product Description:** Recombinant HIV-1 TAT (transactivating regulatory protein) is produced in E.coli as a single, non-glycosylated, polypeptidic chain containing 86 amino acids encoded by two exons.

**Expression System:** E. coli

**Accession:** P69697.1

**Strain/Isolate:** Human immunodeficiency virus type 1 group M subtype B (isolate BH10) (HIV-1)

**Amino Acids:** 1-86

**Tag:** Untagged

**Expected Molecular Weight:** 14 kDa

**Observed Molecular Weight:** 14 kDa

**Amount:** 0.05 mg

**Concentration:** Dependant on reconstitution volume.

**Purity:** >90% by SDS-PAGE

**Presentation:** Lyophilised

**Buffer:** 0.1% glycerol

**Applications:** WB, SDS-PAGE, Endotoxins, Up-take, Rescue assay. Reacts with anti-Tat antibodies from human, monkey, rabbit and mouse serum. Biologically active protein estimated by Up-Take and Rescue assays (positive to both assays)

### Usage Guidelines

**Short Term Storage:** -80°C

**Long Term Storage:** -80°C

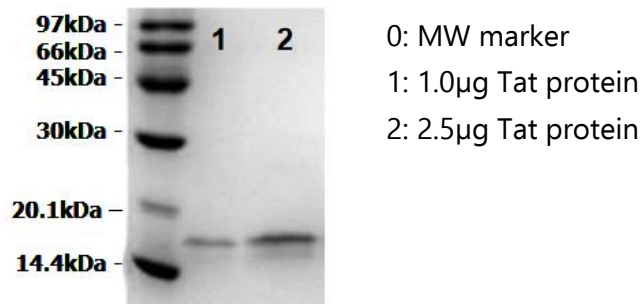
**General Storage Conditions:** Shipped ambient. Avoid freeze-thaw cycles.



**Stability:** The lyophilized protein is stable for 24 months if stored at -80°C. The reconstituted solution has to be used immediately.

**Freezing:** Lyophilized protein can be frozen

**SDS-PAGE:** Purified recombinant Tat protein was separated by SDS-PAGE (14% polyacrylamide) and stained with Coomassie Blue.



X

---

QC

X

---

QA

**Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.**