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Recombinant HIV-1 Tat Clade C**REP0030 - REP0031****50µg – 100µg****Description**Recombinant HIV-1 Tat Clade C produced in *E. coli*.

HIV-1 regulatory Tat protein plays an essential role in viral replication and infectivity. In addition, during acute infection, tat is released in the extracellular environment by infected cells and is taken up by neighbouring cells where it transactivates viral replication and increases virus infectivity. HIV-1 tat protein Clade C is a molecule of 101 amino acids encoded by two exons.

Product type

Biologically non-active protein estimated by Up-Take and Rescue assays (positive to uptake assay but negative to rescue assay)

Peptide

Recombinant full-length protein: HIV-I Tat CLADE C - Accession number: **Gene Bank AAL06113.1 Uniprot Q900K4**

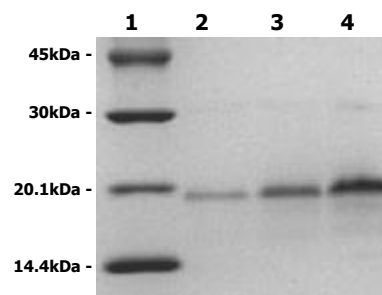
Expression system*Escherichia coli***Tested by**

Western Blotting, SDS Page, Endotoxin, Up-Take and Rescue assays.

Purity

>90% pure estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31)

Purified recombinant tat clade C (lane 1, molecular weight standard; lane 2, 1µg; lane 3, 2.5µg; lane 4, 5µg) was separated by SDS-PAGE (14% polyacrylamide) and stained with Coomassie Blue.

**Form**

Lyophilized.

The protein should be reconstituted in apyrogenic sterile water or 1X PBS.

Storage buffer

Preservative 0.1% glycerol.

Storage instructions

Shipped at room temperature. The lyophilized protein is stable for 24 months if stored at -20°C. The reconstituted solution has to be used immediately.