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Recombinant HIV-1 Tat Clade B

REP0002a - REP0002b 100µg – 50µg

Description

Recombinant HIV-1 tat 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 is a molecule of 86 aminoacids encoded by two exons.

Product type

Biologically active protein estimated by Up-Take and Rescue assays (positive to both assays)

Peptide

Recombinant full-length protein: HIV-I Tat CLADE B - Accession number: **P69697.1**

Expression system

Escherichia coli

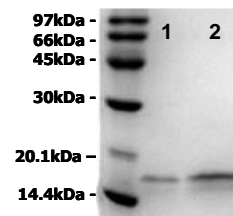
Tested by

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

Purity

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

Purified recombinant tat clade B (lane 0, molecular weight standard; lane 1, 1µg; lane 2, 2.5µg) 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 on dry ice. The lyophilized protein is stable for 24 months if stored at -80°C. The reconstituted solution must be used immediately.