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Recombinant HIV-1 Tat Clade D**REP0044 - REP0045****50µg - 100µg****Description**

Recombinant HIV-1 Tat Clade D produced in *E. coli*. Productive HIV-1 replication is dependent upon the viral tat protein. In Uganda, Clades A and D are responsible for approximately 95% of HIV-1 infections.

Product type

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

Peptide

Recombinant protein: HIV-1Tat Clade D - Accession number: **AAP33758.1**

Expression system

Escherichia coli

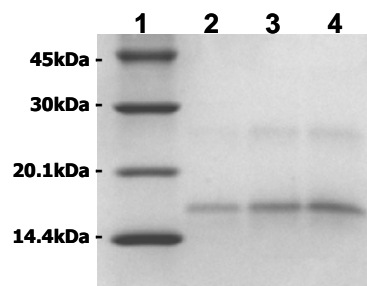
Tested by

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

Purity

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

Purified recombinant HIV-1 tat clade D protein (lane 1, molecular weight standard; lane 2, 1µg; lane 3, 1.5µg; lane 4, 2µg) 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 10% glycerol.

Storage instructions

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