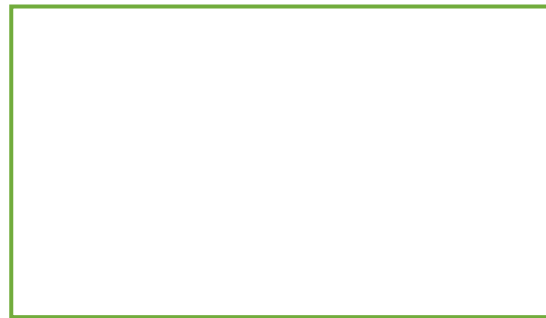




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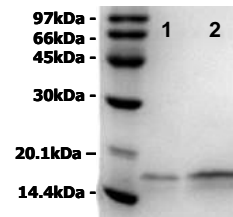


## Recombinant HIV-1 Tat Clade B

**REP0002a - REP0002b**  
**100µg – 50µg**

<b>Description</b>	Recombinant HIV-1 tat produced in <i>E. coli</i> . 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.
<b>Product type</b>	Biologically active protein estimated by Up-Take and Rescue assays (positive to both assays)
<b>Peptide</b>	Recombinant full-length protein: HIV-I Tat CLADE B - Accession number: <b>P69697.1</b>
<b>Expression system</b>	<i>Escherichia coli</i>
<b>Tested by</b>	Western Blotting, SDS Page, Endotoxin, Up-Take, Rescue assays.
<b>Purity</b>	>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.



<b>Form</b>	Lyophilized. The protein should be reconstituted in aseptically sterile water or 1X PBS.
<b>Storage buffer</b>	Preservative 0.1% glycerol.
<b>Storage instructions</b>	Shipped on dry ice. The lyophilized protein is stable for 24 months if stored at -80°C. The reconstituted solution must be used immediately.