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## Recombinant HIV-1 Tat Cys22

REP0032 – REP0033

50µg – 100µg

|                             |  |
|-----------------------------|--|
| <b>Description</b>          | HIV-1 regulatory tat protein plays an essential role in viral replication and infectivity. In addition, during acute infection, tat is released extracellularly by infected cells and is taken up by neighbouring cells where it transactivates viral replication and increases virus infectivity. The tat cys22 protein of HIV-1 is a molecule of 86 aminoacids mutated in the trans activation domain. |
| <b>Product type</b>         | Protein  |
| <b>Peptide</b>              | Recombinant protein: HIV-I tat amino acidic sequence mutated in the cysteine-rich region (Cys22 tat) - Accession number: <b>CAL40981.1</b>   |
| <b>Expression system</b>    | <i>Escherichia coli</i>  |
| <b>Tested by</b>            | Western Blotting, SDS-Page, Endotoxin, Up-Take and Rescue assays.  |
| <b>Purity</b>               | > 90% pure estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31)   |
| <b>Form</b>                 | Lyophilized.<br>The protein should be reconstituted in apirogenic sterile water or 1X PBS.   |
| <b>Storage buffer</b>       | Preservative 0.1% glycerol.  |
| <b>Storage instructions</b> | Shipped at room temperature. The lyophilized protein is stable for 24 months if stored at -20°C. The reconstituted solution must be used immediately.  |

Purified recombinant tat cys22 (lane 1, molecular weight standard; lane 2, 1µg; lane 2, 2.5µg; lane 4, 5µg) was separated by SDS-PAGE (14% polyacrylamide) and stained with Coomassie Blue.

