

## HIV-1 TAT Cys22 Recombinant

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| <b>Item Number</b>                       | rAP-5367   |
| <b>Synonyms</b>                          |  |
| <b>Description</b>                       | HIV-1 TAT Cys22 Recombinant- produced in E.coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids mutated in the trans activation domain and having chain having a molecular mass of 14.4 kDa.  |
| <b>Uniprot Accession Number</b>          |  |
| <b>Amino Acid Sequence</b>               |  |
| <b>Source</b>                            | Escherichia Coli.  |
| <b>Physical Appearance and Stability</b> | Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized HIV-1 TAT Cys22 although stable at room temperature for 1 week, should be stored desiccated below -18°C. Upon reconstitution HIV-1 TAT Cys22 should be stored at 4°C between 2-7 days and for future use below -18°C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles. |
| <b>Formulation and Purity</b>            | Lyophilized with 0.1% glycerol. Greater than 90.0% as determined by SDS-PAGE.  |
| <b>Application</b>                       | Recognized by anti-Tat (HIV-1) polyclonal antibody. Reacts with anti-Tat antibodies from human, monkey, rabbit and mouse serum.  |
| <b>Solubility</b>                        | It is recommended to reconstitute the lyophilized HIV-1 TAT Cys 22 in sterile 18MΩ-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.  |
| <b>Biological Activity</b>               |  |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.  |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**