



Via Sant'Anna 131-135
61030 Cartoceto PU (IT)
Telephone + 39 (0)721830605
Fax +39 (0)721837154
e-mail: info@diatheva.com
www.diatheva.com

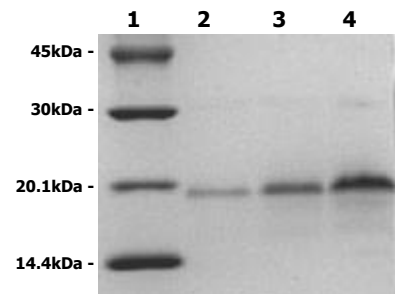


Recombinant HIV-1 Tat Clade C

REP0030 - REP0031
50µg – 100µg

Description	Recombinant HIV-1 Tat Clade C 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 Clade C is a molecule of 101 amino acids encoded by two exons.
Product type	Biologically non-active protein estimated by Up-Take and Rescue assays (positive to uptake assay but negative to rescue assay)
Peptide	Recombinant full-length protein: HIV-I Tat CLADE C - Accession number: Gene Bank AAL06113.1 Uniprot Q900K4
Expression system	<i>Escherichia coli</i>
Tested by	Western Blotting, SDS Page, Endotoxin, Up-Take and Rescue assays.
Purity	>90% pure estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31)

Purified recombinant tat clade C (lane 1, molecular weight standard; lane 2, 1µg; lane 3, 2.5µg; lane 4, 5µg) was separated by SDS-PAGE (14% polyacrylamide) and stained with Coomassie Blue.



Form	Lyophilized. The protein should be reconstituted in apirogenic sterile water or 1X PBS.
Storage buffer	Preservative 0.1% glycerol.
Storage instructions	Shipped at room temperature. The lyophilized protein is stable for 24 months if stored at -20°C. The reconstituted solution has to be used immediately.