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Datasheet for ABIN2669300  
**HIV-1 Tat Protein**

### Overview

Quantity:	100 µg
Target:	HIV-1 Tat
Origin:	Human Immunodeficiency Virus (HIV)
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Application:	Western Blotting (WB), SDS-PAGE (SDS), Rescue Assay (ResA), Functional Studies (Func), Endotoxin Detection Assay (EDA)

### Product Details

Characteristics:	Recombinant (HIV-1) tat produced in E.coli
Purity:	>90 %

### Target Details

Target:	HIV-1 Tat
Alternative Name:	HIV1 Tat ( <a href="#">HIV-1 Tat Products</a> )
Target Type:	Viral Protein
Background:	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. The HIV-1 tat protein is a molecule of 86 aminoacids encoded by two exons.

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Reconstitution: The protein should be reconstituted in aprotogenic sterile water or 1X PBS.

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Buffer: 0.1 % glycerol

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Storage: -20 °C

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