



## HIV type 1 TAT (full length) (DAG-P2905)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Product Overview</b>    | HIV1 tat full length protein   |
| <b>Antigen Description</b> | HIV1 tat (Transactivator of Transcription) protein is a pleiotropic factor that induces a broad range of biological effects in numerous cell types. At the HIV promoter, tat is a powerful transactivator of gene expression which acts by inducing chromatin remodeling and by recruiting elongation-competent transcriptional complexes on to the viral LTR. |
| <b>Species</b>             | HIV  |
| <b>Purity</b>              | > 90 % by SDS-PAGE.  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | BL WB SDS-PAGE   |
| <b>Reconstitution</b>      | The protein should be reconstituted in a pyrogenic sterile water or PBS buffer. The reconstituted solution has to be used immediately.   |
| <b>Bio-activity</b>        | HIV1 tat full length protein reacts with anti-Tat antibodies from human, monkey, rabbit and mouse serum.   |
| <b>Format</b>              | Lyophilised  |
| <b>Buffer</b>              | Preservative: None Constituents: 0.1% Glycerol   |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | Store at -70°C Preservative: None Constituents: 0.1% Glycerol  |

### BACKGROUND

|                     |   |
|---------------------|---|
| <b>Introduction</b> | The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating retrovirus) that |
|---------------------|---|

causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic

---

**Keywords**

p14; Protein Tat; Transactivating regulatory protein; HIV1 tat

---