HIV-1 IIIB Tat Recombinant Protein

Catalog Number: 2222
Lot Number: 120112

Provided: 25 µg (lyophilized). The protein solution before lyophilization was 0.47 mg/ml in PBS. Reconstitute in water.

Purity: >95%. Purified by heparin-affinity chromatography and reverse phase HPLC.

Description: 86-amino acid Tat protein from IIIB (subtype B), MW: 14,000 by SDS-PAGE.

Special Characteristics: Can be used for in vitro transcription at approximately 0.4 µM, and in Western blots at in vivo functional assay has been used to define Tat protein activity. This Tat preparation is also useful in protein binding assays. Because Tat is sensitive to oxidation it should be stored frozen and reconstituted just prior to use. The stability of this preparation when stored in solution is unknown. Production: Produced in E. coli. The tat-expressing plasmid was provided by the Glaxo Institute for Molecular Biology, Switzerland.

Recommended Storage: -70°C.

Contributor: DAIDS, NIAID (produced by ABL inc).

References:


Gutekunst KA, Kashanchi F, Brady JN, Bednarik DP. Transcription of the HIV-1 LTR is


NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 IIIB Tat Recombinant Protein." Also include the appropriate references cited above in any publications.

Last Updated: March 23, 2016