



Certificate of Analysis for HRP-2222

Tat Protein from Human Immunodeficiency Virus Type 1 (HIV-1) IIIB, Recombinant from *Escherichia coli*

Catalog No. HRP-2222

Product Description:

HRP-2222 is a full-length (2 exons; 86 amino acids), biologically active, recombinant form of the Tat protein from human immunodeficiency virus type 1 (HIV-1) IIIB, which was produced in an *Escherichia coli* (*E. coli*) expression system and purified by ion affinity and reverse phase chromatography. HRP-2222 lot 70053553 was lyophilized from bulk protein (1 mg/mL) in 0.2% potassium chloride (KCl), 5 mM dithiothreitol (DTT), 50 mM Tris and 2 mg/mL trehalose, pH 8.0.

Lot: 70053553

Receipt Date: 15JUN2022

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Lyophilized
Purity (HPLC)	Report results	> 99%
Amount per Vial	Report results	25 µg
Endotoxin Content (Limulus Amoebocyte Lysate Assay)	Report results	< 0.01 EU/mg protein

/Ken Crawford/
Ken Crawford

Lead Technical Writer, ATCC Federal Solutions

23 JUN 2023

ATCC®, on behalf of the NIH HIV Reagent Program, hereby represents and warrants that the material provided under this certificate has been subjected by the manufacturer to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC's knowledge.

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NIH HIV Reagent Program

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