9051 Mira Mesa Blvd, #910094
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HIV-1 NEF Biotin

HIV-1 nef Recombinant Biotin Labeled
VAG0322

Product Overview

Name	HIV-1 NEF Biotin

Description

HIV-1 nef Recombinant Biotin Labeled

Accession (Primary)	CAA41585

Introduction

HIV-1 Nef is anessential factor for efficient viral replication and pathogenesis and therefore is produced shortly after virus infection. HIV-1 Nef is also facilitates virus replication and enhances virions infectivity. Nef exerts pleiotropic effects: decreases cell surface CD4 antigen by interacting with the Src family kinase LCK, down-modulates surface MHC-I molecules and protects the infected cell from apoptosis in order to keep it alive until the next virus generation is mature. Nef protein bypasses host T-cell signaling byinducing a trascriptional program almost identical to that of anti-CD3 cell activation.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

HIV-1 nef Biotin protein solution containing PBS & 0.05%(v/v) glycerol.

Stability

HIV-1 nef Biotin although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles

Purity

Greater than 90.0% as determined by SDS-PAGE.

Applications

Western Blotting, SDS Page

Precautions

HIV-1 NEF Biotin is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (CAA41585)

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