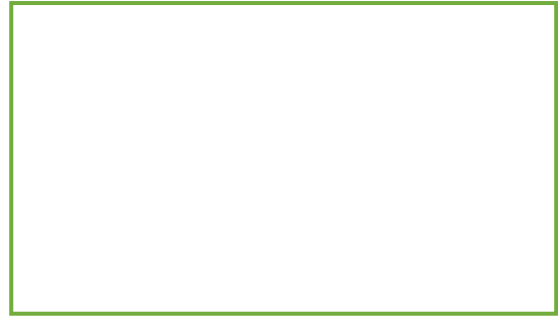




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Recombinant HIV-1 Nef Biotin Conjugated

REP0046
100µg

Description

Recombinant (HIV-1) Nef biotin-conjugated.
 HIV-1 Nef is a 27kDa protein abundantly produced shortly after virus infection. Nef is an essential factor for efficient viral replication and pathogenesis, it also facilitates virus replication and enhances virions infectivity. Nef exerts pleiotropic effects: down-modulates surface MHC-I molecules, decreases cell surface CD4 antigen by interacting with the Src family kinase LCK, protects the infected cell from apoptosis in order to keep it alive until the next virus generation is ready to strike. Nef protein bypasses host T-cell signaling by inducing a transcriptional program nearly identical to that of anti-CD3 cell activation.

Product type

Protein biotinylated with NHS biotin.

Peptide

Recombinant full-length protein - HIV-1 Nef – Accession number: **CAA41585**

Expression system

Escherichia coli

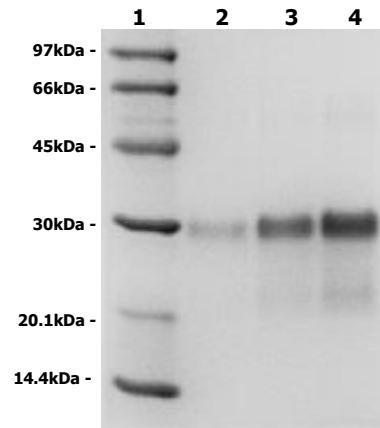
Tested by

Western Blotting, ELISA

Purity

>90% pure estimated by SDS-PAGE (EU Ph. 5.0 § 2.5.31)

Purified recombinant nef biotin conjugated (lane 1, molecular weight standard; lane 2, 1µg; lane 3, 2.5µg; lane 4, 5µg) was separated by SDS-PAGE (12% polyacrylamide) and stained with Coomassie Blue.



Form

Liquid.

Storage buffer

1X PBS, 0.05%(v/v) glycerol.

Storage instructions

Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.