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32-13604: HIV-1 NEF Biotin

Alternative Name :	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.

Description

Source: Escherichia Coli.
Sterile Filtered clear solution.
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.
Recombinant HIV-1 nef Biotin Labeled is a full length protein produced in E.coli and having a molecular mass of 27kDa. HIV-1 nef Biotin is purified by proprietary chromatographic technique.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	HIV-1 nef Biotin protein solution containing PBS & 0.05%(v/v) glycerol.
Storage condition :	HIV-1 nef Biotin although stable at 4°C for 1 week, should be stored below -18°C.Please prevent freeze thaw cycles

For Research Use Only. Not for use in diagnostic/therapeutics procedures.