

### 32-13604: HIV-1 NEF Biotin

**Alternative Name :**

HIV-1 Nef is an essential 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 by inducing a transcriptional program almost identical to that of anti-CD3 cell activation.

#### Description

Source: Escherichia Coli.

Sterile Filtered clear solution.

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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

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