

## Recombinant HIV-1/Clade B Nef Protein, His tagged

**Cat. No.** nef-178H    **Lot. No.** (See product label)

### SPECIFICATION

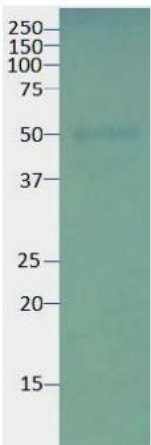
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|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant HIV-1 Nef protein with C-terminal 6×His tag was expressed and purified from E.coli.                                                                                                                      |
| <b>Species</b>          | HIV                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                               |
| <b>Description</b>      | Nef (Negative Regulatory Factor) is a small 27-35 kDa myristoylated protein encoded by primate lentiviruses. These include Human Immunodeficiency Viruses (HIV-1 and HIV-2) and Simian Immunodeficiency Virus (SIV). |
| <b>Tag</b>              | C-6×His                                                                                                                                                                                                              |
| <b>Purity</b>           | > 90 % by SDS-PAGE                                                                                                                                                                                                   |
| <b>Applications</b>     | Western Blot, ELISA, etc.                                                                                                                                                                                            |
| <b>Storage</b>          | Store at -20 centigrade; Stable for 3 months from the date of shipment when kept at 4 centigrade. Nonhazardous. No MSDS required                                                                                     |
| <b>Concentration</b>    | 1 mg/mL                                                                                                                                                                                                              |
| <b>Storage Buffer</b>   | 50 mM Phosphate buffer, pH 7.4, 0.5M NaCl, 0.2M Imidazole, 8M Urea                                                                                                                                                   |

### GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | nef Nef [ Human immunodeficiency virus 1 ]                                                                                                                                                                                                          |
| <b>Official Symbol</b> | nef                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | nef; Nef; This particular nucleotide sequence has a premature stop codon in place of a well-conserved tryptophan codon at position 8712-8714 that truncates the HIV1 Nef protein sequence to a 123 amino acids-long N-terminal portion (not shown). |
| <b>Gene ID</b>         | 156110                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_057857                                                                                                                                                                                                                                           |
| <b>UniProt ID</b>      | P03406                                                                                                                                                                                                                                              |
| <b>SDS-PAGE</b>        |  <p>Purified HIV-1 Nef (Clade B) protein</p>                                                                                                                    |