



Recombinant HIV type 1 Nef Protein (a.a. 1-206) [His] (DAG-P2507)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Derived from NL4-3 strain and constructed with codon optimization and expressed with a small T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal. |
| Species | HIV |
| Purity | > 90 % SDS-PAGE |
| Conjugate | His |
| Applications | SDS-PAGE |
| Molecular Weight | 26 kDa |
| Format | Liquid |
| Concentration | 0.5 mg/ml |
| Size | 25 µg |
| Buffer | 0.32% Tris HCl, contains NaCl, KCl, EDTA, arginine, DTT and Sucrose. |
| Preservative | None |
| Storage | Store at +4°C short term (1-2 weeks). Store at -80°C. Avoid freeze / thaw cycle. |
| Ship | Shipped at 4°C. |

BACKGROUND

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| Introduction | The human immunodeficiency virus (HIV) is a lentivirus (a subgroup of retrovirus) that causes |
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the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive. Without treatment, average survival time after infection with HIV is estimated to be 9 to 11 years, depending on the HIV subtype. Infection with HIV occurs by the transfer of blood, semen, vaginal fluid, pre-ejaculate, or breast milk. Within these bodily fluids, HIV is present as both free virus particles and virus within infected immune cells.

Keywords

C terminal core protein; F protein; Nef; Negative factor; p27; HIV; HIV Nef

GENE INFORMATION

Protein Refseq

MASMTGGQQQMGRGHHHHHENLYFQGGFGGKWSKSSVIGWPAVRERMRAEPAADGVGAVSRDLEK
