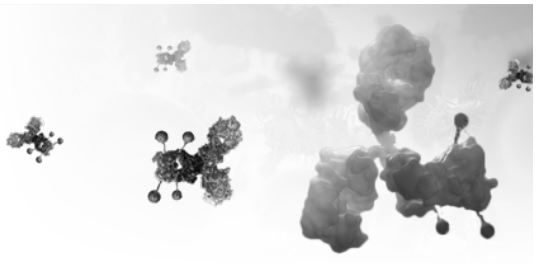

HIV type 1 Nef (full length) (DAG-P2932)

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

PRODUCT INFORMATION

Product Overview	HIV1 Nef full length protein
Antigen Description	Nef is a early protein that appears to play a role in optimizing the host cell environment for viral replication without causing cell death by apoptosis. Nef enhances virus infectivity and pathogenicity. It down modulates surface MHC I molecules and internalized molecules are sequested to the trans-Golgi network. The number of cell surface CD4 antigen are decreased by interacting with the Src family kinase LCK thereby inducing LCK CD4 dissociation and by increasing clathrin-dependent endocytosis of this antigen to target it to lysosomal degradation.
Species	HIV
Purity	> 95 % by SDS-PAGE.
Conjugate	Unconjugated
Applications	SDS-PAGE
Format	Liquid
Size	50 µg
Buffer	Preservative: None Constituents: 50mM Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Preservative	None
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80℃. Avoid freeze / thaw cycles. Preservative: None Constituents: 50mM Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

BACKGROUND

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Introduction	The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic
Keywords	C terminal core protein; F protein; Nef; Negative factor; p27; HIV1 Nef

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