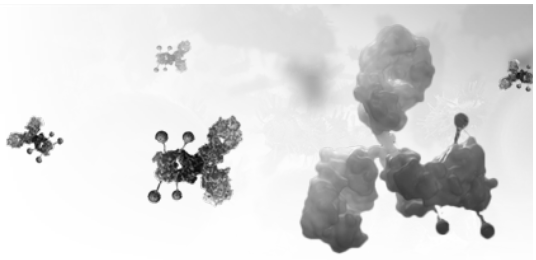

HIV type 1 Nef (aa 3 - 190) (DAG-P2708)

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.Purity is >95% as determined by SDS-PAGE and spectrophotometry.
Conjugate	Unconjugated
Applications	SDS-PAGE EIA - Control
Bio-activity	This product reacts strongly with human HIV positive serum.
Format	Liquid
Buffer	Preservative: None Constituents: 10mM Sodium Carbonate, 14mM Beta mercaptoethanol, 10mM EDTA, pH 8
Preservative	None
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Preservative: None Constituents: 10mM Sodium Carbonate, 14mM Beta mercaptoethanol, 10mM EDTA, pH 8

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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