

## Product datasheet

# Recombinant HIV1 Nef protein ab63996

### 1 图像

#### 描述

产品名称	重组HIV1 Nef蛋白
纯度	> 90 % SDS-PAGE. Highly purified by several steps of chromatography.
表达系统	Escherichia coli
Accession	<b><u>P03406</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	HIV-1
序列	MGGKWSKSSVVGWPTVRERMRAEPAADGVGAASRDLEKHGA ITSSNTAA TNAACAWLEA QEEEEVGFPVTPQVPLRPMTYKAAVDLSHFLKEKGGLE GLIHSQRRQDILDLDWIYHTQGY FPDWQNYTPGPGVRYPLTFGWCYKLV PVEPDKVEEANKGENTSLLHPVSLHGMDDPEREV LEWRFDSRLAFHHV ARELHPEYFKNC
氨基酸	1 to 206

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab63996** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
形式	Liquid
补充说明	ab63996 has been derived from infectious plasmid clone pNL4-3 and belongs to Group B of HIV-1.

#### 制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 6
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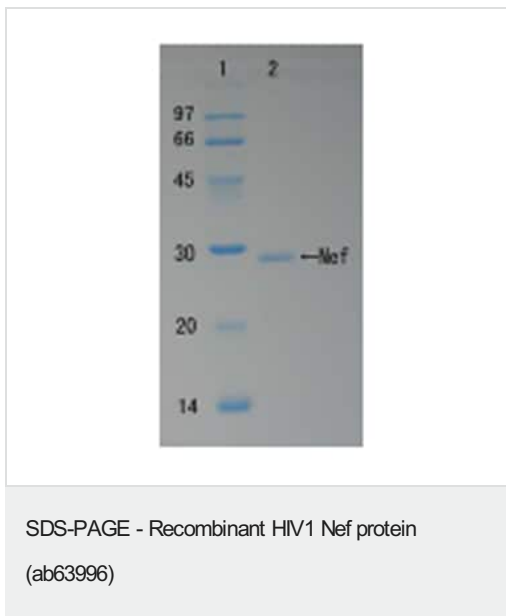
Constituents: 0.078% Beta mercaptoethanol, 0.316% Tris HCl, 50% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

## 常规信息

### 相关性

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 sequestered 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.

## 图片



Polyacrylamide gel electrophoresis of ab63996.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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