

Recombinant HIV1 p55 protein ab63995

2 图像

描述

产品名称	重组HIV1 p55蛋白
纯度	> 90 % SDS-PAGE. Purified by several steps of chromatography
表达系统	Escherichia coli
Accession	<u>AAK08483.1</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant

技术指标

Our **Abpromise guarantee** covers the use of **ab63995** 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	ab63995 has been derived from infectious plasmid clone pNL4-3 and belongs to Group B of HIV-1. Active as HIV-1 protease substrate

制备和贮存

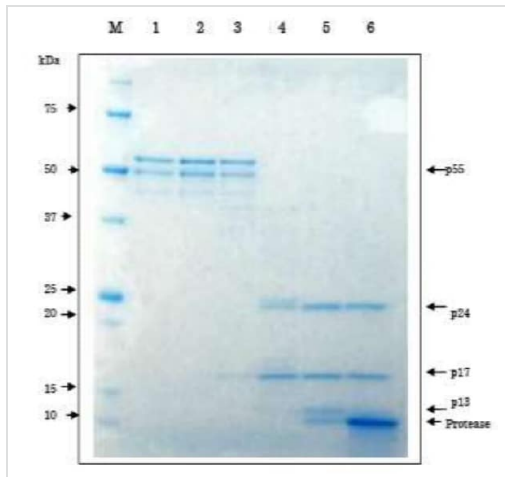
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 6 Constituents: 0.078% Beta mercaptoethanol, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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常规信息

相关性	HIV1 (gag) p55 is a precursor protein of several proteins that form the core structure of AIDS
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virus, indispensable to its reproduction. This protein is digested by HIV1 protease, first into intermediate products p41 and p15. Then p41 is digested into matrix protein p17 and capsid protein p24. Protein p15 is further digested into nucleocapsid protein p7 and to p6 and p1; of unknown function. Nine genes are encoded within the HIV1 RNA genome. Three of these genes, gag, pol, and env, contain information needed to make the structural proteins for new virus particles.

图片



SDS-PAGE - Recombinant HIV1 p55 protein
(ab63995)

SDS-PAGE analysis of Recombinant HIV1 p55 protein. As the substrate, Recombinant HIV1 p55 protein (1 μ g, ab63995) was used in 20 μ l reaction volume. The reaction was carried by incubating at 37°C for 3 h and stopped by adding SDS-PAGE sample buffer. Lane 1: no protease, Lane 2: 0.16 μ g, Lane 3: 1.6 μ g, Lane 4: 16 μ g, Lane 5: 0.16 μ g, Lane 6: 1.6 μ g protease.

Note that two degradation bands are observed in the preparation of p55 substrate. In lane 4, p25 band is visible and in lane 5, p13 band is visible.



SDS-PAGE - Recombinant HIV1 p55 protein
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Polyacrylamide gel electrophoresis of ab63995.
The arrows show degradation products.

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

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