

Recombinant HIV1 p55 protein ab63995

画像数 2

製品の詳細

製品名	Recombinant HIV1 p55 protein
精製度	> 90 % SDS-PAGE. Purified by several steps of chromatography
発現系	Escherichia coli
アクセッション番号	<u>AAK08483.1</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant

特性

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.

アプリケーション	SDS-PAGE
製品の状態	Liquid
備考	ab63995 has been derived from infectious plasmid clone pNL4-3 and belongs to Group B of HIV-1. Active as HIV-1 protease substrate

前処理および保存

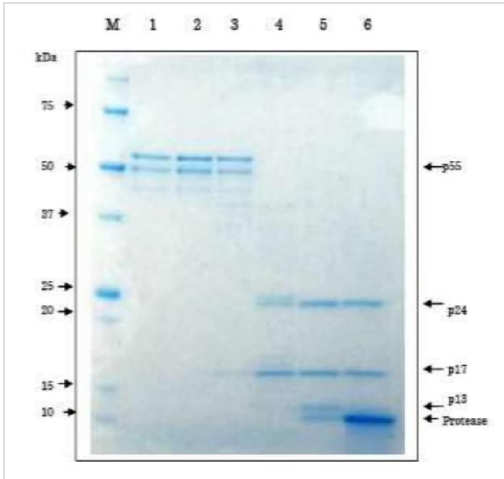
保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 6 Constituents: 0.078% Beta mercaptoethanol, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.29% Sodium chloride
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関連情報

関連性	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.

画像



SDS-PAGE - Recombinant HIV1 p55 protein (ab63995)

SDS-PAGE analysis of Recombinant HIV1 p55 protein. As the substrate, Recombinant HIV1 p55 protein (1 μg, ab63995) was used in 20 μl 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 pg, Lane 3: 1.6 pg, Lane 4: 16 pg, Lane 5: 0.16 μg, Lane 6: 1.6 μg 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 (ab63995)

Polyacrylamide gel electrophoresis of ab63995. The arrows show degradation products.

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