

### Recombinant HIV2 gp36 protein (Beta-Galactosidase) ab49057

医薬用外劇物

#### 製品の詳細

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|-------------|--|
| 製品名         | Recombinant HIV2 gp36 protein (Beta-Galactosidase)   |
| 生理活性        | Reacts strongly with human HIV positive sera.        |
| 精製度         | > 95 % SDS-PAGE.                                     |
| 発現系         | Escherichia coli                                     |
| タンパク質長      | Protein fragment                                     |
| Animal free | No   |
| 由来          | Recombinant  |
| 生物種         | HIV-2  |
| 配列の追加情報     | Fused with $\beta$ -galactosidase at the N-terminus. |

#### 特性

Our **Abpromise guarantee** covers the use of **ab49057** 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 | ELISA<br>Western blot                         |
| 製品の状態    | Liquid  |
| 備考       | Reacts strongly with human HIV positive sera. |

#### 前処理および保存

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|------------|--|
| 保存方法および安定性 | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -80°C. Avoid freeze / thaw cycle.<br>pH: 7.2<br>Constituents: 0.106% Sodium carbonate, 0.1092% Beta mercaptoethanol, 0.05% Tween, 0.292% EDTA |
|------------|--|

#### 関連情報

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|-----|---|
| 関連性 | HIV2 infections at present, are predominantly found in west Africa where it is the dominant form of |
|-----|---|

HIV. Both HIV1 and HIV2 have the same modes of transmission and are associated with similar opportunistic infections and AIDS. In persons infected with HIV2, immunodeficiency seems to develop more slowly and to be milder, but as the disease advances, HIV2 infectiousness seems to increase. Little is known about the best approach to the clinical treatment and care of patients infected with HIV2. Some drugs used to treat HIV1 are ineffective. HIV1 and HIV2 have similar gag (viral core) and pol (polymerase) regions, they have relatively dissimilar env (envelope) regions. Owing to this lack of homology in the envelope region, there is little serologic cross-reactivity of the antibodies directed against the envelope antigens of both HIV1 and HIV2. The env gp36 ectodomain is highly conserved and elicits a type-specific antibody response. Hence, most licensed diagnostic assays incorporate gp36-derived antigens to detect HIV2 specific antibodies. It is becoming important to differentiate between single infection with either HIV1 or HIV2 and dual infection.

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

### **Our Abpromise to you: Quality guaranteed and expert technical support**

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- Replacement or refund for products not performing as stated on the datasheet
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