

# Recombinant HIV1 gp41 protein ab49070

2 References [画像数 1](#)

### 製品の詳細

製品名	Recombinant HIV1 gp41 protein
精製度	> 90 % SDS-PAGE. Purified by affinity chromatography.
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
配列	IEFPGIFRPG GGDMRDNWRS ELYKYKVVKI EPLGVAPTKA KRRVVQREKR AVGIGALFLG FLGAAGSTMG AASMTLTVQA RQLLSGIVQQ QNNLLRAIEA QQHLLQLTVW GIKQLQARIL AVERYLKDQQ LLGIWGCSGK LICTTAVPWN ASWSNKSLEQ IWNMTWMEW DREINNYTSL IHSLIEESQN QQEKNEQEL LELDKWASLW NWFNITNWLW YIKLFIMIVG GLVGLRIVFA VLSVNVNRVQ GYSPLSFQTH LPIPRGPDRP EGIEEEGGER DRDRSIRLVN GSLALIWDDL RSLCLFSYHR LRDLLLIVTR IVELLGRRGW EALKYWWNLL QYWSQELKNS AVSLLNATAI AVAEGTDRVI EVVQGAYRAI RHIPRRIRQG LERILL

配列の追加情報 Tag: Beta galactosidase N-terminus.

### 特性

Our **Abpromise guarantee** covers the use of **ab49070** 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
	Western blot
製品の状態	Liquid

### 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: 7.2

Preservative: 0.01% Sodium azide

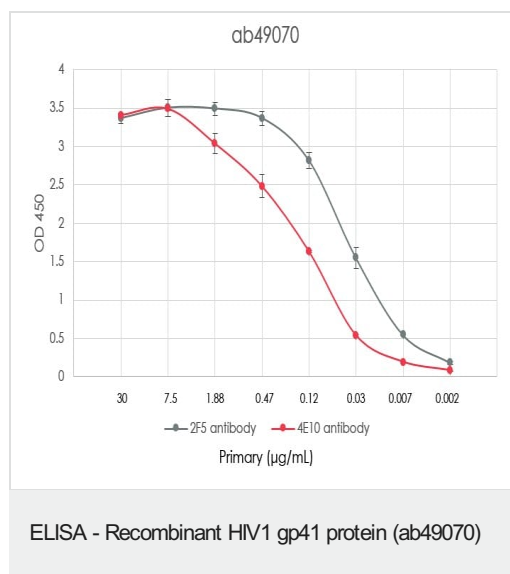
Constituents: 9% Urea, 0.395% Tris HCl, 0.0292% EDTA, 50% Glycerol (glycerin, glycerine)

## 関連情報

### 関連性

gp41/120 is the major HIV protein associated with the HIV envelope. It functions as the viral antireceptor or attachment protein. gp41 (or TM) traverses the envelope, whereas gp120 is present on the outer surface and is noncovalently attached to gp41. The precursor of gp120/41 (gp160) is synthesized in the endoplasmic reticulum and is transported via the golgi body to the cell surface. Upon activation of the envelope glycoprotein (gp120/41) by cellular receptors, gp41 undergoes conformational changes that mediate fusion of the viral and cellular membranes.

## 画像



ELISA using ab49070 at 2µg/mL. Antibodies which recognise the 2F5 and 4E10 epitope were used as primary antibodies, and Protein A HRP was used as a secondary antibody.

**Significance:** gp41-specific antibodies which bind two different epitopes are able to recognize this full length gp41 in ELISA

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

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