

Product datasheet

Recombinant HIV1 Protease protein ab84117

3 References

Description

Product name	Recombinant HIV1 Protease protein
Biological activity	One unit of HIV Protease hydrolyzes 1 picomole of a peptide (SQNYPIVQ) per minute at pH 4.7 at 25oC. 20-200ng is sufficient for an in vitro protease assay. HIV Protease can be applied in in vitro assay development and screening of protease inhibitors.
Purity	> 95 % SDS-PAGE. Purified by an affinity chromatography in combination with FPLC chromatography
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Sequence	PQITLWQRPL VTIKIGGQLK EALLDTGADD TVLEEMSLPG RWKPKMIGGI GGFIVRQYD QILIEICGHK AIGTVLVGPT PVNIIGRNLL TQIGCTLNF
Predicted molecular weight	12 kDa
Amino acids	1 to 99
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab84117** in the following tested applications.

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

Applications	SDS-PAGE Functional Studies
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Form	Liquid
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Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 3.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine)
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

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

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors