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 25°C. 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.

Expression system  Escherichia coli

Protein length  Full length protein

Animal free  No

Nature  Recombinant

Sequence  PQITLWQRPL VTISKIGQLK EALLDTGADD TVLEEMSLPG RWKPKMIIGGI GGF1KVRQYD Q1LIECGHK AIGTVLGVPT PVNIIGRNL 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

Form  Liquid

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)
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"

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