

Product datasheet

Recombinant HIV1 Gag p15 protein ab127887

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Description

Product name	Recombinant HIV1 Gag p15 protein
Biological activity	ab127887 can be used as a substrate for HIV1 protease in the presence of HIV1 genomic RNA; in studies of structure and function of AIDS virus as precursor of nucleocapsid p7 protein that binds to HIV1 genome RNA; as p15 antigen in detection of anti-HIV1 p15 antibody in Western blotting or ELISA; and as a standard for the quantitative analysis of HIV1 p15 antigen.
Purity	> 90 % SDS-PAGE. ab127887 is highly purified by several steps of chromatography.
Expression system	Escherichia coli
Accession	<u>P12497</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	HIV-1
Sequence	EAMSQV TNPATIMIQK GNFRNQRKTV KCFNCGKEGH IAKNCRAPRK KGCWKCGKEG HQMKDCTERQ ANFLREDLAF PQGKAREFSS EQTRANSPTR RELQVWGRDN NSLSEAGADR QGTVSFSF
Predicted molecular weight	15 kDa
Amino acids	365 to 488

Specifications

Our **Abpromise guarantee** covers the use of **ab127887** 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 Western blot ELISA
Form	Liquid
Additional notes	ab127887 can be used as a substrate for HIV1 protease in the presence of HIV1 genomic RNA; in studies of structure and function of AIDS virus as precursor of nucleocapsid p7 protein that

binds to HIV1 genome RNA; as p15 antigen in detection of anti-HIV1 p15 antibody in Western blotting or ELISA; and as a standard for the quantitative analysis of HIV1 p15 antigen.

Preparation and Storage

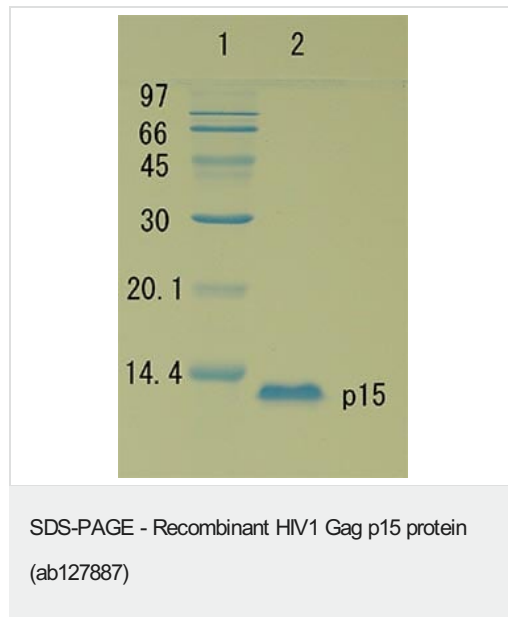
Stability and Storage

Shipped at 4°C. Store at -20°C.

pH: 6.5

Constituents: 0.078% Beta mercaptoethanol, 0.32% Tris HCl, 50% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

Images



SDS-PAGE analysis of ab127887.

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
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- We investigate all quality concerns to ensure our products perform to the highest standards

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