

Product datasheet

Recombinant Human Natriuretic peptides A protein
ab114317

1 Image

Description

Product name	Recombinant Human Natriuretic peptides A protein	
Expression system	Wheat germ	
Accession	P01160	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MSSFSTTTVSFLLLLAFQLLGQTRANPMYNAVSNADLMDF KNLLDHLEEK MPLEDEVVPPQVLSEPNEEAGAALSPLPEVPPWTGEVS PAQRDGGALGRG PWDSSDRSALLKSKLRALLTAPRSLRRSSCFGGRMDGIG AQSGLG CNSFR YRR	
Predicted molecular weight	43 kDa including tags	
Amino acids	1 to 153	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab114317** 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
	ELISA
	Western blot
Form	Liquid

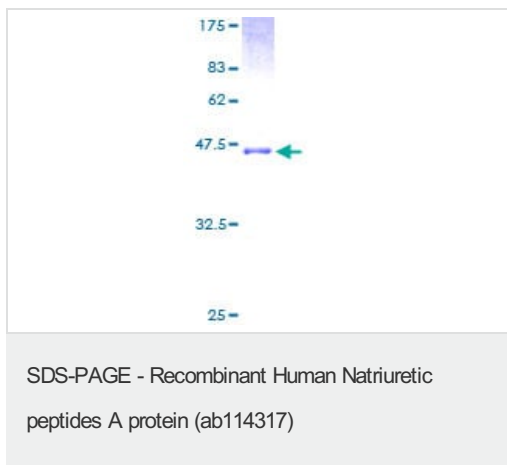
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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General Info

Function	Hormone playing a key role in cardiovascular homeostasis through regulation of natriuresis, diuresis, and vasodilation. Also plays a role in female pregnancy by promoting trophoblast invasion and spiral artery remodeling in uterus. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
Involvement in disease	Atrial standstill 2 Atrial fibrillation, familial, 6
Sequence similarities	Belongs to the natriuretic peptide family.
Post-translational modifications	Cleaved by CORIN upon secretion to produce the functional hormone. Atrial natriuretic factor: Cleaved by MME. The cleavage initiates degradation of the factor and thereby regulate its activity.
Cellular localization	Secreted.

Images



SDS-PAGE analysis of ab114317 on a 12.5% gel stained with Coomassie Blue.

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

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