

## Product datasheet

# Human proBNP peptide ab42238

### Description

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<b>Product name</b>	Human proBNP peptide
<b>Animal free</b>	No
<b>Nature</b>	Synthetic
<b>Species</b>	Human
<b>Sequence</b>	QVEQTSLEPLQESPRPTGVWKSREVA
<b>Amino acids</b>	32 to 57

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab42238** in the following tested applications.

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

<b>Applications</b>	Blocking - Blocking peptide for Anti-proBNP antibody ( <a href="#">ab14352</a> )
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituent: 0.1% Acetic acid
<b>Reconstitution</b>	Resuspend in 0.1% acetic acid for required concentration (vial content is 0.1 mg).

### General Info

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<b>Function</b>	Cardiac hormone which may function as a paracrine antifibrotic factor in the heart. Also plays a key role in cardiovascular homeostasis through natriuresis, diuresis, vasorelaxation, and inhibition of renin and aldosterone secretion. Specifically binds and stimulates the cGMP production of the NPR1 receptor. Binds the clearance receptor NPR3.
<b>Tissue specificity</b>	Brain and also in atria, but at much lower levels than ANP.
<b>Sequence similarities</b>	Belongs to the natriuretic peptide family.
<b>Cellular localization</b>	Secreted.

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**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**

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- 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.

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