

Product datasheet

Human proBNP peptide ab42238

Overview

Product name Human proBNP peptide

Description

Nature Synthetic

Amino Acid Sequence

Species Human

Sequence QVEQTSLEPLQESPRPTGVWKSREVA

Amino acids 32 to 57

Specifications

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.

Applications Blocking - Blocking peptide for Anti-proBNP antibody ([ab14352](#))

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Constituent: 0.1% Acetic acid

General Info

Function 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.

Tissue specificity Brain and also in atria, but at much lower levels than ANP.

Sequence similarities Belongs to the natriuretic peptide family.

Cellular localization Secreted.

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