abcam

Product datasheet

Human proCNP peptide ab42285

Description

Product name	Human proCNP peptide
Animal free	No
Nature	Synthetic
Species	Human
Sequence	KPGAPPKVPRTPPAEELAE
Amino acids	1 to 19

Specifications

Our Abpromise guarantee covers the use of **ab42285** in the following tested applications.

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

Applications	Blocking
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. After reconstitution store at -20ºC. Avoid freeze / thaw cycles. Constituent: 0.1% Acetic acid
Reconstitution	Store at 2 to -8°C lyophilised, resuspend in 0.1% acetic acid

General Info

Function	Hormone which plays a role in endochondral ossification through regulation of cartilaginous growth plate chondrocytes proliferation and differentiation. May also be vasoactive and natriuretic. Specifically binds and stimulates the cGMP production of the NPR2 receptor. Binds the clearance receptor NPR3.
Sequence similarities	Belongs to the natriuretic peptide family.
Cellular localization	Secreted.

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