

Product datasheet

Recombinant Human proCNP protein ab167863

1 Image

Description

Product name	Recombinant Human proCNP protein
Purity	> 85 % SDS-PAGE. ab167863 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P23582</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSKPGAPPK VPRTPPAEEL AEPQAAGGGQ KKGDKAPGGG GANLKGDRSR LLRDLRVDTK SRAAWARLLQ EHPNARKYKG ANKKGLSKGC FGLKLDRIQS MSGLGC
Predicted molecular weight	13 kDa including tags
Amino acids	24 to 126
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab167863** 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 Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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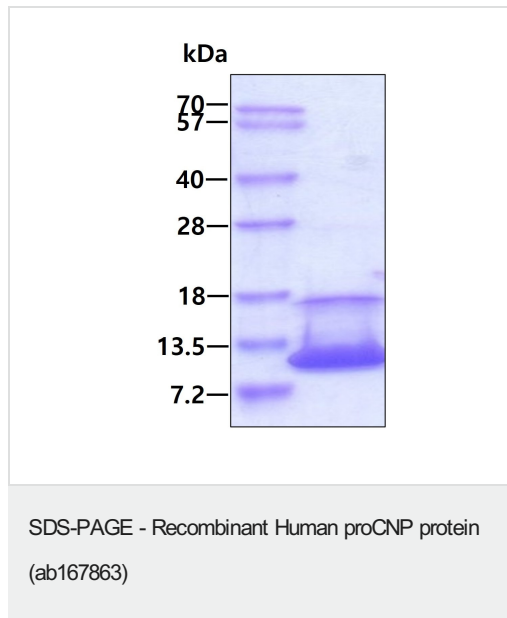
pH: 8.00

Constituents: 0.32% Tris-HCl buffer, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

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.

Images



15% SDS-PAGE analysis of ab167863 (3µg)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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