

## Product datasheet for **AR51029PU-N**

### pro-Natriuretic Peptide C (24-126, His-tag) Human Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | pro-Natriuretic Peptide C (24-126, His-tag) human recombinant protein, 0.5 mg   |
| Species:                              | Human   |
| Expression Host:                      | E. coli   |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSKPGAPPK</u> VPRTPPAEEL AEPQAAGGGQ KKGDKAPGGG GANLKGDRSR LLRDLRVDTK SRAAWARLLQ EHPNARKYKG ANKKGLSKGC FGLKLDRIGS MSGLGC |
| Tag:                                  | His-tag   |
| Predicted MW:                         | 13.2 kDa  |
| Concentration:                        | lot specific  |
| Purity:                               | >85% by SDS - PAGE  |
| Buffer:                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol             |
| Preparation:                          | Liquid purified protein   |
| Protein Description:                  | Recombinant human NPPC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.           |
| Storage:                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.<br>Avoid repeated freezing and thawing.                                    |
| Stability:                            | Shelf life: one year from despatch.   |
| RefSeq:                               | <u><a href="#">NP_077720</a></u>  |
| Locus ID:                             | 4880  |
| UniProt ID:                           | <u><a href="#">P23582</a></u> , <u><a href="#">E5LCN7</a></u>   |
| Cytogenetics:                         | 2q37.1  |
| Synonyms:                             | CNP; CNP2   |



[View online »](#)

**Summary:**

This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. These products include the cardiac natriuretic peptides CNP-53, CNP-29 and CNP-22, which belong to the natriuretic family of peptides. The encoded peptides exhibit vasorelaxation activity in laboratory animals and elevated levels of CNP-22 have been observed in the plasma of chronic heart failure patients. [provided by RefSeq, Oct 2015]

**Protein Families:**

Secreted Protein

**Product images:**