

32-1635: NPPC Recombinant Protein

Alternative Name : Natriuretic Peptide Precursor C,C-Type Natriuretic Peptide,CNP2,CNP.

Description

Source : Escherichia Coli. NPPC Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 126 amino acids (24-126) and having a molecular mass of 13.2kDa.NPPC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. NPPC is proteolytically managed to create a secreted hormone of the natriuretic peptide family. NPPC is vasoactive and natriuretic and controls the evolution and differentiation of cartilaginous growth plate chondrocytes.

Product Info

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| Amount : | 20 µg |
| Purification : | Greater than 85% as determined by SDS-PAGE. |
| Content : | The NPPC solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. |
| Storage condition : | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| Amino Acid : | MGSSHHHHHH SSGLVPRGSH MGSKPGAPPK VPRTPPAEEL AEPQAAGGGQ KKGDKAPGGG GANLKGDRSR LLRDLRVDTK SRAAWARLLQ EHPNARKYKG ANKKGLSKGC FGLKLDRIGS MSGLGC |

