

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

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 FGLKLDRIQS MSGLGC