

NPPC, 24-126aa, Human, His tag, E.coli

Cat.NO.: TP03190

3th Edition

Synonyms:C-type natriuretic peptide , CNP, CNP2

Description:NPPC is proteolytically processed to form a secreted hormone of the natriuretic peptide family. The hormone regulates the growth and differentiation of cartilaginous growth plate chondrocytes and may also be vasoactive and natriuretic. Recombinant human NPPC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol,

Molecular Weight:13.2kDa (126aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSKPGAPPKVPRTTPPAEELAEPQAAGGGQKKGDKAPGGGGANLKGDRSRLLR
DLRVDTKSRAAWARLLQEHPNARKYKGANKKGLSKGCFGLKLDRIGSMSGLGC

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by BCA assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.