

## Product datasheet for **TP761624**

### **NPPC (NM\_024409) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human natriuretic peptide C (NPPC), full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length NPPC
<b>Tag:</b>	N-GST and C-His
<b>Predicted MW:</b>	41.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_077720</a>
<b>Locus ID:</b>	4880
<b>UniProt ID:</b>	<a href="#">P23582</a> , <a href="#">E5LCN7</a>
<b>RefSeq Size:</b>	701
<b>Cytogenetics:</b>	2q37.1
<b>RefSeq ORF:</b>	378
<b>Synonyms:</b>	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:**