

Recombinant Full Length Human NPPC Protein, GST&His tagged

Cat. No. NPPC-05H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human natriuretic peptide C (NPPC), full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-126 aa
Description	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.
Form	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Molecular Mass	41.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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Storage

Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Concentration

>0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION
Gene Name

NPPC natriuretic peptide C [Homo sapiens (human)]

Official Symbol

NPPC

Synonyms

NPPC; natriuretic peptide C; natriuretic peptide precursor C; C-type natriuretic peptide; CNP; CNP2

Gene ID

4880

mRNA Refseq

NM_024409

Protein Refseq

NP_077720

MIM

600296

UniProt ID

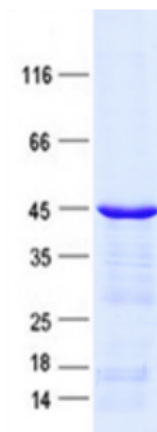
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SDS-PAGE and WB



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