

Recombinant Human NPPC Protein

Cat. No. NPPC-4735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NPPC Protein without tag was expressed in E. coli.
Species	Human
Source	E.coli
Description	Hormone which plays a role in endochondral ossification through regulation of cartilaginous growth plate chondrocytes proliferation and differentiation. May also be vasoactive and natriuretic. Specifically binds and stimulates the cGMP production of the NPR2 receptor. Binds the clearance receptor NPR3.
Form	Lyophilized powder/frozen liquid
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.

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Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

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 P23582

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