

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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