

Recombinant Rat Nppc protein, His & GST-tagged

Cat. No. Nppc-719R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Nppc aa. (Val31~Cys126 (Accession # P55207)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val31~Cys126
Description	Binds natriuretic peptide receptor; involved in inhibition of growth and proliferation in vascular smooth muscle cells.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

Nppc natriuretic peptide C [*Rattus norvegicus* (Norway rat)]

Official Symbol

Nppc

Synonyms

Nppc; natriuretic peptide C; C-type natriuretic peptide; natriuretic peptide precursor C; natriuretic peptide precursor type C

Gene ID

114593

mRNA Refseq

NM_053750.1

Protein Refseq

NP_446202.1

UniProt ID

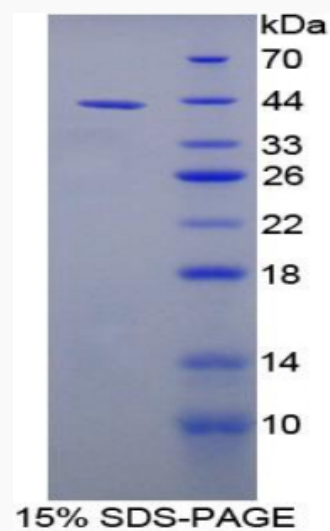
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SDS-PAGE



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