

Recombinant Rat Npr2, His-tagged

Cat. No. Npr2-3770R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Atrial natriuretic peptide receptor 2 (Npr2)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	1047
Description	receptor for atrial natriuretic peptide, brain natriuretic peptide and atriopeptin; has guanylate cyclase activity .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Npr2 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name Npr2 natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B) [*Rattus norvegicus*]

Official Symbol Npr2

Synonyms NPR2; natriuretic peptide receptor B/guanylate cyclase B (atrionatriuretic peptide receptor B); atrial natriuretic peptide receptor 2; ANP-B; ANPRB; ANPR-B; guanylate cyclase B; natriuretic peptide receptor 2; natriuretic peptide receptor-B; atrial natriuretic peptide receptor B; atrial natriuretic peptide B-type receptor; atrial natriuretic peptide receptor type B; GC-B; NPR-B;

Gene ID 116564

mRNA Refseq [NM_053838](#)

Protein Refseq [NP_446290](#)

Chromosome Location 5q22

Pathway Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem; Vascular smooth muscle contraction, organism-specific biosystem; Vascular smooth muscle contraction, conserved biosystem;

Function ATP binding; ATP binding; GTP binding; guanylate cyclase activity; guanylate cyclase activity; guanylate cyclase activity; hormone binding; identical protein binding;

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identical protein binding; natriuretic peptide receptor activity; natriuretic peptide receptor activity; natriuretic peptide receptor activity; nucleotide binding; peptide hormone binding; peptide hormone binding; protein kinase activity; receptor activity; transferase activity, transferring phosphorus-containing groups;

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