

Recombinant Rat Npr3 protein, His & T7-tagged

Cat. No. Npr3-8252R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Npr3 aa. (Ala45~Pro467 (Accession # P41740)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ala45~Pro467
Description	Receptor for natriuretic peptide; may play role in hypertension and neurotransmitter efflux.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 53.4kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

 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

was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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.

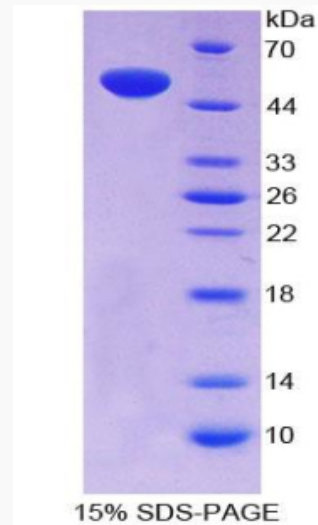
GENE INFORMATION

Gene Name	Npr3 natriuretic peptide receptor 3 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Npr3
Synonyms	Npr3; natriuretic peptide receptor 3; NPRC; ANP-CR; atrial natriuretic peptide receptor 3; ANP-C; ANPR-C; ANPRC; Atrial natriuretic peptide clearance receptor 3; NPR-C; atrial natriuretic peptide C-type receptor; atrial natriuretic peptide clearance receptor; atrial natriuretic peptide receptor type C; natriuretic peptide receptor C/guanylate cyclase C (atrionatriuretic peptide receptor C)
Gene ID	25339
mRNA Refseq	NM_012868.1
Protein Refseq	NP_037000.1

 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

UniProt ID**P41740****SDS-PAGE** 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