

Recombinant Rat Npr1 protein, His-tagged, Low Endotoxin

Cat. No. NPR1-3708R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Npr1 protein(NP_036745.1)(29-469 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	29-469 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 50.70 kDa. Due to glycosylation, the protein migrates to 60-75 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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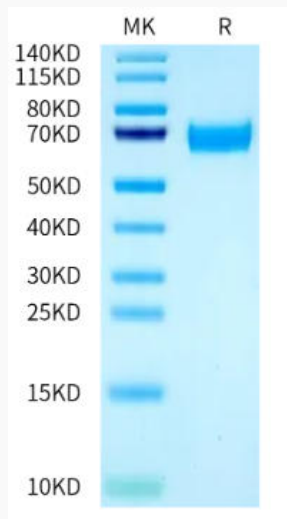
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 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Npr1 natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A) [<i>Rattus norvegicus</i>]
Official Symbol	Npr1
Synonyms	NPR1; natriuretic peptide receptor A/guanylate cyclase A (atrionatriuretic peptide receptor A); atrial natriuretic peptide receptor 1; GC-A; ANP-A; ANPR-A; guanylate cyclase A; natriuretic peptide receptor 1; atrial natriuretic peptide receptor A; atrial natriuretic peptide A-type receptor; atrial natriuretic peptide receptor type A; Gca; Npra; Anpra; NPR-A;
Gene ID	24603
mRNA Refseq	NM_012613
Protein Refseq	NP_036745

Bis-Tris PAGE



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