

## Recombinant Mouse Nppa Protein, His/GST-tagged

**Cat. No.** Nppa-260M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Nppa(Asn25~Arg152) fused with His/GST tag at N-terminal was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn25~Arg152
<b>Description</b>	This gene encodes members of the natriuretic family of peptides that play an important role in the control of extracellular fluid volume and electrolyte homeostasis. The encoded protein precursor undergoes proteolytic processing to generate multiple functional peptides. Mice lacking the encoded peptides exhibit salt-sensitive hypertension. The transgenic overexpression of the encoded peptides in mice decreases arterial blood pressure without inducing diuresis and natriuresis. This gene is located adjacent to another member of the natriuretic family of peptides on chromosome 4.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	46.0kDa
<b>Identity</b>	Reconstitute in PBS or others
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Reconstitution</b>	Reconstitute in PBS or others

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Nppa natriuretic peptide type A [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Nppa</a>
<b>Synonyms</b>	NPPA; natriuretic peptide type A; natriuretic peptides A; prepronatriodilatin; atrial natriuretic factor; atrial natriuretic peptide; natriuretic peptide precursor A; natriuretic peptide precursor type A; ANP; Anf; Pnd;
<b>Gene ID</b>	<a href="#">230899</a>
<b>mRNA Refseq</b>	<a href="#">NM_008725</a>
<b>Protein Refseq</b>	<a href="#">NP_032751</a>

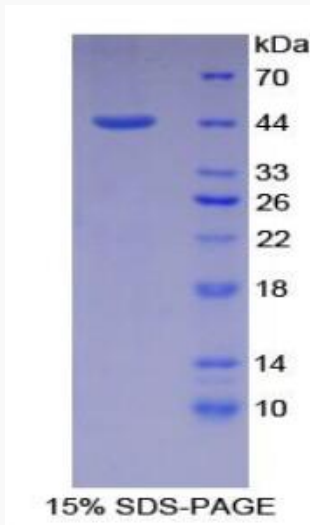
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

UniProt ID

P05125



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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