

Recombinant Rat Ucn2 protein, His-tagged

Cat. No. Ucn2-7916R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ucn2 aa. (Pro23~Gly107 (Accession # Q91WW1)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro23~Gly107
Description	Member of the corticotropin-releasing hormone (CRH)-related peptides; may play a role in cardiac hypertrophy and fibrosis; promotes cell proliferation of cardiac non-myocytes.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.0.
Applications	SDS-PAGE; WB; ELISA; IP.

 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

Stability	The thermal stability is described by the loss rate of the target protein. The loss rate 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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

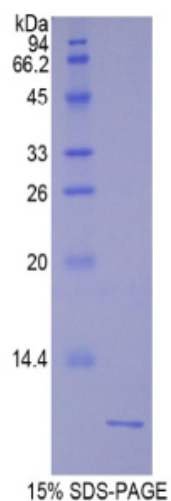
GENE INFORMATION

Gene Name	Ucn2 urocortin 2 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Ucn2
Synonyms	Ucn2; urocortin 2; Ucn3; urocortin-2; ucn II; urocortin 3; urocortin II
Gene ID	170896
mRNA Refseq	NM_133385.2
Protein Refseq	NP_596876.2
UniProt ID	Q91WW1

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SDS-PAGE

15% SDS-PAGE

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