

Recombinant Mouse Ucn Protein, His/GST-tagged

Cat. No. Ucn-274M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ucn(Thr34~Val120) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr34~Val120
Description	This gene encodes a member of the corticotropin-releasing hormone peptide family that participates in coordinating autonomic, endocrine, and behavioral responses to stress. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional hormone. Mice lacking the encoded protein exhibit a heightened anxiety-like behaviors and a significantly reduced acoustic startle response.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	42.3kDa
Identity	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

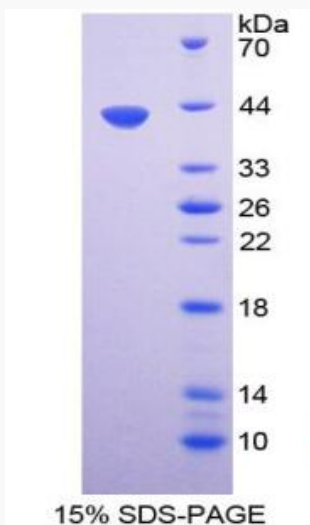
GENE INFORMATION

Gene Name	Ucn urocortin [<i>Mus musculus</i>]
Official Symbol	Ucn
Synonyms	Ucn1; Mpv17
Gene ID	22226
mRNA Refseq	NM_021290.2
Protein Refseq	NP_067265.1
UniProt ID	P81615

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