9051 Mira Mesa Blvd, #910094
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UCN3 Human

Urocortin 3 Human Recombinant
HRM0123

Product Overview

Name	UCN3 Human
Description	
Urocortin 3 Human Recombinant	
Accession (Primary)	Q969E3
Synonyms	
Stresscopin, urocortin-iii.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Each mg was lyophilized with 1xPBS, 0.4% SDS and 4mM DTT.	
Stability	
Store lyophilized UCN3at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.	
Background	
Urocortin 3 also known as UCN3 is a part of the corticotropin-releasing factor (CRF) family of peptides, which are involved in metabolism, stress response and neuroendocrine regulation. UCN3 exerts its biological effects through interactions with CRFR2. UCN3 takes a main part in mediating few important biological processes, specially those associated with energy metabolism, stress response and the regulation of the hypothalamic-pituitary-adrenal (HPA) axis. UCN3 expressed mainly in the brain in areas such as the hypothalamus, as well as in peripheral tissues,	

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including the heart and adipose tissue.

Precautions

UCN3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q969E3)

Background

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