

Product datasheet for **MC211960**

Ucn3 (NM_031250) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ucn3 (NM_031250) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ucn3
Synonyms: ucn III
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC211960 representing NM_031250
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGATGCCACCTACTTCTGCTGCCACTTCTGCTGCTCCTAGGAGGTCCAAGGACAAGCCTCTCCC
ACAAGTTCTACAACACTGGACCAGTCTTCAGCTGCCTCAACACAGCCCTATCTGAGGTCAAGAAGAACAA
GCTGGAAGATGTGCCCTTCTGCTGAGCAAGAAGAGCTTTGGCCACCTGCCACACAAGACCCTCAGGGGAA
GAAGATGACAACCAACGCACCTCCAGATCAAAAAGAACTTCTCAGGTGCCGCGGGTGGGAATGGAGCTG
GGAGCACCCGGTACAGATACCAATCCCAGGCACAGCACAAAGGGGAAGCTGTACCCAGACAAGCCAAAAG
CGACCGGGGCACCAAGTTCACCTTTCCCTTGATGTTCCCACTAACATCATGAACATCCTCTTCAACATC
GACAAGGCCAAGAATTTGCGAGCCAAGGCAGCTGCCAATGCTCAGCTCATGGCACAGATTGGGAAGAAGA
AGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031250
Insert Size: 495 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_031250.5 , NP_112540.2
RefSeq Size:	1478 bp
RefSeq ORF:	495 bp
Locus ID:	83428
UniProt ID:	Q924A4
Cytogenetics:	13 A1
Gene Summary:	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. The pancreatic islets isolated from mice lacking the encoded protein secrete less insulin in response to high glucose concentrations. Transgenic mice overexpressing the encoded protein exhibit a metabolically favorable phenotype resisting obesity and hyperglycemia on a high-fat diet. [provided by RefSeq, Sep 2016]