

Product datasheet for **RN201987**

Ucn (NM_019150) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ucn (NM_019150) Rat Untagged Clone
Tag: Tag Free
Symbol: Ucn
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN201987 representing NM_019150
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCAGAGGGGACGCGCTACGCTCCTGGTAGCGTTGCTGCTTCTGGTTCAGCTGCGCCCGGAGAGCA
GCCAGTGGAGCCAGCGGCTGCGGCGCGAATGTGGTCCAGGATCCGAATCTGCGATGGAACCCCGGAGT
CGGAATCAGGGCGGAGGTGTCCGCGCACTCCTTGTGTTAGCGGAGCGCTTCCGCGCCGCGGGA
TCTGAGCCTGCAGGCGAGCGGCAACGACGAGACGACCCGCGTTGTCCATCGACCTCACCTTCCACCTGC
TGGGACCTGCTAGAGCTAGCTCGGACACAGAGCCAGCGCGAGCGCGCAGAGCAGAACCGCATCATATT
CGATTCGGTGGCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_019150
Insert Size: 369 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).
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).



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Reconstitution Method:

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_019150.1](#), [NP_062023.1](#)

RefSeq Size: 579 bp

RefSeq ORF: 369 bp

Locus ID: 29151

UniProt ID: [P55090](#)

Cytogenetics: 6q14

Gene Summary: binds the corticotropin-releasing factor receptor CRF1; may play a role in learning and memory; may act as a stress response neuropeptide [RGD, Feb 2006]