

Product datasheet for **MC209702**

Uts2 (NM_011910) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Uts2 (NM_011910) Mouse Untagged Clone
Tag: Tag Free
Symbol: Uts2
Synonyms: pre; prepro-Ull; Ucn; Ucn2; Ull
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209702 representing NM_011910
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACAGGGTGCCCTTCTGCTGCCTGCTCTTCATAGGACTTCTGAATCCACTGCTGTCCCTTCCCGTCA
CGGACACTGGTGAGAGGACTCTTCAGCTTCCAGTGCTTGAGGAAGACGCTCTTCGGGCTCTGGAGGAGCT
GGAGAGGATGGCCCTCCTGCAGACCCTGCGTCAGACCATGGGCACGGAAGCAGGGGAGAGCCCTGGAGAA
GCAGGTCCAGCACTGAGACTCCCACTCCACGGGAAGCATGAGGAAGGCTTTCGCTGGGCAAAATTCTA
ACACTGTACTGAGTCGTCTTTGGCAAGAACCAGGAAACAACATAAGCAACACGGGGCTGCCCCAGAGTG
CTTCTGGAAATACTGCATTTGA****

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_011910

Insert Size: 372 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_011910.2](#), [NP_036040.1](#)

RefSeq Size: 538 bp

RefSeq ORF: 372 bp

Locus ID: 24111

UniProt ID: [Q9QZQ3](#)

Cytogenetics: 4 E2

Gene Summary: This gene encodes a member of the urotensin family of peptide hormones. The encoded preproprotein undergoes proteolytic processing to generate a mature, functional hormone before secretion into the plasma. Mice lacking the encoded protein have a significantly decreased low density lipoprotein cholesterol profile and hepatic steatosis that is consistent with decreased hepatocyte de novo cholesterol synthesis and apolipoprotein B secretion. [provided by RefSeq, Sep 2016]