

Product datasheet for **MC217204**

Onecut2 (NM_194268) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Onecut2 (NM_194268) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Onecut2
Synonyms:	C730009D12; OC-2; Oc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217204 representing NM_194268
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGCTGCCTACACCGCCTATCGATGCCTACCAAAGACCTAGAAGGCTGCGCCATGAACCCGGAGC
 TGACAATGAAAAGTCTGGGCACTTTGCACGGGCCGGTTCGCGGGCGGCAGCGGGGGAGCGCGGGGG
 CGGAGGGGGCGGGGGCGGGGCCCGGGCCATGAGCAGGAGCTGCTGGCCAGCCCCAGCCCCACCACGCG
 GGCCGCGGTGCTGCCGGCTCGTGCAGCGCCCGCCGCGCAACCGCGCATCAGGAGCTGGGCACCGCAG
 CGGCGGGCGCAGCCGCGGCTCGCGCTCGGCCATGGTCACCAAGTATGGCCTCGATCTTGGACGGCAGCGA
 CTACCGACCAGAGCTCTCCATCCCCTACACCACGCCATGAGTATGTCCTGCGACTCGTCGCGCCAGGC
 ATGGGCATGAGCAACACCTACACTACGCTGACGCCGCTCCAGCCGCTGCCACCCATCTCTACGGTCTCAG
 ACAAGTCCACCACCCGACCCCTCACCACCACCTCACCACCACCATCACCACCACCATCACCATCAGCG
 TCTGTCCGGCAAGTCAGTGGCAGCTTCACTCTCATGCGGGACGAGCGCGGGCTTCGGTCCATGAACAAC
 CTTTACAGCCCTTACAAGGAGATGCCTAGTATGAGCCAGAGCCTGTCTCCATTGGCTGCCAGCCGCTGG
 GCAACGGGCTGGGTGGCCTTACAATGCTCAGCAGAGCCTGCCAACTACGGTCCGCCGGGCCATGACAA
 AATGCTCAGCCCCAATTTTCGACGCGCACCACTGCCATGCTGACCCGCGGTGAGCAACACCTGTCCCGA
 GGCTGGGCACCCCGCTGCGGCCATGATGTCTCACCTCAATGGCTTACACCACCTGGCCACACTCAGT
 CCCACGGGCCAGTGTGGCTCCTAGCCGTGAGCGGCCCTTCGTCTCCTCGGGTTCTCAGGTGGCCAC
 GTCCGGGCAGCTGGAAGAGATCAACACCAAGAGGTGGCCAGCGTATCACCGCCGAGCTGAAGCGCTAC
 AGCATCCCGCAGGCGATCTTCGCACAGAGGGTTCTATGCCGCTCAGGGGACTCTCCGACCTGCTCC
 GGATCCCAAACCTGGAGTAACTCAAATCTGGCAGGGAGACCTCCGCAGGATGTGGAAGTGGCTGCA
 GGAGCCCGAGTTCAGCGCATGTCTGCCTACGCCTGGCAGCATGCAAACGCAAAGAGCAAGAACCAAAC
 AAAGACAGGAACAACTCGCAGAAGAAATCCCGCCTGGTGTTCACGGACCTCCAACGCCGAACACTCTTCG
 CCATCTTCAAGGAAAATAAGCGCCCTTCGAAGGAGATGCAGATCACCATTTCCAGCAACTTGGGCTGGA
 GCTGACCACTGTGAGTAACCTTTCATGAATGCCCGCGCTCGCAGCCTGGAGAAATGGCAAGATGACCTA
 GGCACAGGGGTTCTTCATCCACCTCCAGCACTGTACCAAAGCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_194268
- Insert Size:** 1518 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).

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_194268.2](#), [NP_919244.2](#)

RefSeq Size: 13407 bp

RefSeq ORF: 1518 bp

Locus ID: 225631

UniProt ID: [Q6XBJ3](#)

Cytogenetics: 18 E1

Gene Summary: Transcriptional activator. Activates the transcription of a number of liver genes such as HNF3B (By similarity).[UniProtKB/Swiss-Prot Function]