

## Product datasheet for **RN215049**

### Onecut1 (NM\_022671) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Onecut1 (NM_022671) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Onecut1
Synonyms:	Hnf6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN215049 representing NM\_022671  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACGCACAGCTGACCATGGAGGCGATCGGCGAGCTGCACGGGTGAGCCATGAGCCGGTGCCCGCCC  
 CTGCTGACCTGCTGGGCGGGAGCCCTCACGCGCGCAGCTCCGTGGGGCACCGGGCAGCCACCTGCCTCC  
 CGCTACCCCGGTTCCATGGGCATGGCGTCGCTGCTGGACGGCGGCAGCGGAGGCAGCGATTACCCAC  
 CACCACCGCGCCCTGAGCACAGCTTGGCTGGCCCCCTGCACCCACCATGACCATGGCCTGTGAAACTC  
 CCCCAGGTATGAGCATGCCACCACCTACACCACCTTAACCCCTCTGCAGCCGCTGCCGCCATCTCCAC  
 CGTGTCCGACAAGTTCCTCACCACCATCACCACCACCATCACCACCACCCACATCACCACCAGCGC  
 CTGGCGGCAACGTGAGCGGTAGTTTCACTTATGCGGGATGAGCGGGCTGGCTCCATGAATAACC  
 TCTATACCCCTACCACAAGGACGTGGCTGGCATGGGCCAGGCCTCTCGCCCTCTCTGGCTCGGGTCT  
 GGGCAGCATTCAACTCCAGCAAGGACTTCCCACTATGCTCATCCCGCGCGGCTATGCCACCAGC  
 AAGATGCTCACCCAAATGACTTTGAAGCCACCACCCTGCCATGCTCGGTGCGCCACGGGAGCAGCACC  
 TCACGCCACCTCGGCCGCATGGTACCCATCAACGGCCTTCTCCACACCATCCCCATGCCACCTGAA  
 TGCCACAGGGCCACGGACAGCTCCTGGGCACAGCCCGGGAGCCCAACCCCTCGGTGACCGCGCGCAGGTC  
 AGCAATGGAAGTAATTCAGGGCAGATGGAAGAGATCAATACCAAAGAGGTGGCTCAGCGTATCACCACCG  
 AGCTCAAACGTTACAGCATCCCACAGGCCATCTTCGCGCAGAGGGTGTCTGCCGTTCCACAGGGACCT  
 TTCGACTGTGCGAAACCCCAAGCCCTGGAGCAAATCAAGTCCGGTCCGGGAGACTTCCGGAGGATG  
 TGAAGTGGCTGCAGGAGCCGGAGTTCAGCGCATGTCGGCGCTCCGCTTAGCAGCTGCAAAGGAAAG  
 AGCAAGAACCGGAAGGACAGAGGCAACACCCCAAAAGCCAGGCTGGTCTTCACAGACGTTCAACG  
 TCGGACTTACATGCAATATTCAAGGAAAATAAGCGTCCGTCCAAGAATTACAAATCACCATTTCCAG  
 CAGCTGGGTTGGAGCTGAGCACTGTGCAAACTTCTTCATGAATGCGAGAAGGAGGAGTCTGGACAAAT  
 GGCAGGACGAGGGCAGCTCCAATCAGGCAACTTTCGTCTTCATCAAGCACTTGTACCAAAGCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_022671
- Insert Size:** 1398 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\\_022671.2](#), [NP\\_073162.1](#)  
RefSeq Size: 2359 bp  
RefSeq ORF: 1398 bp  
Locus ID: 25231  
UniProt ID: [P70512](#)  
Cytogenetics: 8q24  
Gene Summary: transcription factor; acts as a transcriptional activator of liver promoter sequence [RGD, Feb 2006]