

## Product datasheet for **MC218799**

### Usp17lc (NM\_010089) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Usp17lc (NM_010089) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Usp17lc
Synonyms:	Dub-2; Dub2; Dub2b; Usp17I5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC218799 representing NM\_010089  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGGTTTCTCTTTCCTTCCCAGAAGCAGATCCAGCCCTATCATCTCCTGGTGCCCAACAGCTGCATC  
 AGGATGAAGCTCAGGTAGTGGTGGAGCTAACTGCCAATGACAAGCCAGTCTGAGTTGGGAATGTCCCA  
 AGGACCAGGATGCGGGCTTCAGAACACAGGCAACAGCTGTACCTGAATGCAGCCCTGCAGTGCTTGACA  
 CACACACCACCTCTAGCTGACTACATGTGTCCCAGGAGTACAGTCAAACCTGTTGTTCCCAGAAGGCT  
 GTAAGATGTGTGCTATGGAAGCCATGTAACCCAGAGTCTCCTGCACTCTCACTCGGGGGATGTCATGAA  
 GCCCTCCCAGATTTTACCTCTGCCTTCCACAAGCACCAGCAGGAAGATGCCCATGAGTTTCTCATGTTT  
 ACCTTGGAACAATGCATGAATCCTGCCTCAAGTGCACAGACAATCAGAACCACCTCTGAGGACAGCT  
 CACCCATTTCATGACATATTTGGAGGCTTGTGGAGGTCTCAGATCAAGTGTCTCCATTGCCAGGGTACCTC  
 AGATACATATGATCGCTTCTGGATGTCCCCTGGATATCAGCTCAGCTCAGAGTGTAAATCAAGCCTTG  
 TGGGATACAGAGAAGTCAGAAGAGCTACGTGGAGAGAATGCCTACTACTGTGGTAGGTGTAGACAGAAGA  
 TGCCAGCTTCCAAGACCCTGCATATTCATAGTGCCCAAAAGTACTCCTGCTAGTGTAAAGCGCTTCTC  
 GGCTTTCATGGGTAACAAGTTGGACAGAAAAGTAAAGTACCCAGAGTTTCTTGACCTGAAGCCATACCTG  
 TCCCAGCTACTGGAGGACCTTTGCCTTATGCCCTCTATGCTGTCTGGTCCATGAAGGTGCGACTTGTG  
 ACAGTGGACATTACTTCTTATGTCAAAGCCAGACATGGGGCATGGTACAAGATGGATGATACTAAGGT  
 CACCAGCTGCGATGTGACTTCTGTCTGAATGAGAATGCCTATGTGCTTCTATGTGCAGCAGACTGAC  
 CTCAAACAGGTCAGTATTGACATGCCAGAGGGCAGAGTACATGAGGTTCTCGACCCTGAATACCAGCTGA  
 AGAAATCCCGGAGAAAAAAGCATAAGAAGAAAAGCCCTTGACACAGAAGATGCGGGAGAGCCCTGCAAAAA  
 CAGGGAGAAGAGAGCAACCAAGAAACCTCCTTAGGGGAGGGGAAAGTGCTTCAGGAAAAGAACCACAAG  
 AAAGCTGGGCAGAAACATGAGAATACCAAACCTTGTGCCTCAGGAACAGAACACCAGAAACTTGGGCAGA  
 AACACAGGATCAATGAAATCTTGCCTCAGGAACAGAACACCAGAAAGCTGGGCAGAGCCTCAGGAACAC  
 GGAAGGTGAACTTGATCTGCCTGCTGATGCAATTGTGATTACCTGCTCAGATCCACAGAAAAGTGGGGC  
 AGGGATGCTCCAGACAAGGAGAATCAACCCTGGCACAATGCTGACAGGCTCCTCACCTCTCAGGACCCTG  
 TGAACACTGGGCAGCTCTGTAGACAGGAAGGAAGACGAAGATCAAAGAAGGGGAAGAACAAGAACAAGCA  
 AGGGCAGAGGCTTCTGCTGTTTGT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_010089

**Insert Size:** 1638 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\\_010089.3](#), [NP\\_034219.3](#)

**RefSeq Size:** 1697 bp

**RefSeq ORF:** 1638 bp

**Locus ID:** 13532

**UniProt ID:** [G5E8I7](#)

**Cytogenetics:** 7 54.85 cM

**Gene Summary:** Deubiquitinating enzyme that removes conjugated ubiquitin from specific proteins to regulate different cellular processes (PubMed:8995226, PubMed:11443643). Important for preimplantation stage embryonic development (PubMed:22984479).[UniProtKB/Swiss-Prot Function]