

Product datasheet for **MC200057**

Clpp (NM_017393) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Clpp (NM_017393) Mouse Untagged Clone
Tag: Tag Free
Symbol: Clpp
Synonyms: AU019820; D17Wsu160e
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC001998 sequence for NM_017393
 GCCAAGCCGGAGTGCGCGTCGTCATGTGGCCCAGAGTGCTGCTGGGGGAGGCCCGGGTGGCTGTGGACGG
 ATGTCGCGCTCTGTTGTCTCGCCTTGCCGTGCATTTCTCCCCGCATGGACTGCTGTGAGCTGCTCACCC
 CTGCGGAGGAGCCTGCATGGAAGTGCACGCGAGCTTTCCCGCTCATCCCCATAGTGGTGGAGCAGACGG
 GTCGAGGCGAGCGCCTTATGACATATACTCGAGGCTGTTGCGGGAACGCATCGTGTGCGTCATGGGCC
 GATTGACGACAGTGTGGCCAGTCTGGTCATTGCCAGCTGTTGTTCTTACAGTCTGAAAGCAACAAGAAG
 CCCATTATATGTATATCAACAGCCCAGGTGGTGTGGTAACTGCGGGCCTGGCCATCTACGACACAATGC
 AGTACATCTGAACCCCATCTGCACGTGGTGTGTTGGACAGGCTGCCAGCATGGGCTCCCTGCTCCTCGC
 TGCTGGCAGCCCGGGCATGCGCCATTCAGTCCCAATTCAGAATCATGATCCACCAGCCCTCTGGAGGA
 GCCAGGGCCAAGCCACAGACATCGCCATCCAGGCAGAGGAAATCATGAAGCTGAAAAAGCAGCTATACA
 ACATCTACGCCAAACACACCAAGCAGAGCCTACAGGTGATCGAGTCAGCAATGGAGAGGGACCGCTACAT
 GAGCCCCATGGAGGCCAAGAGTTTGGCATCTTGACAAGGTCTTGGTCCACCCACCTCAGGACGGGGAG
 GATGAGCCAGAAGTGGTACAGAAGGAGACTGCCACAGCGCCGACGGATCCTCCTGCCCGACAAGCACCT
 AAGGAGTGGAGACCAGACTGAAACTTCTCTGCTGGGCCAAGAACAACCCCTAGAGGAGATGTGGATTG
 AGGTTGCCCTCAGAGCAGGGCAGACTGCCTGAGACACTGTGATTTAAATTAATCTTTGTAGTCTTTGTC
 CCAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_017393

Insert Size: 819 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).



[View online »](#)

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:	<ol style="list-style-type: none">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:	<u>BC001998</u> , <u>AAH01998</u>
RefSeq Size:	997 bp
RefSeq ORF:	819 bp
Locus ID:	53895
UniProt ID:	<u>O88696</u>
Cytogenetics:	17 29.61 cM
Gene Summary:	Protease component of the Clp complex that cleaves peptides and various proteins in an ATP-dependent process. Has low peptidase activity in the absence of CLPX. The Clp complex can degrade CSN1S1, CSN2 and CSN3, as well as synthetic peptides (in vitro) and may be responsible for a fairly general and central housekeeping function rather than for the degradation of specific substrates (By similarity).[UniProtKB/Swiss-Prot Function]