

Product datasheet for **MC220326**

Clpb (NM_009191) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clpb (NM_009191) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Clpb
Synonyms:	AL118244; Skd3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220326 representing NM_009191
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTTGTCCGCGGTGTTGAGGAGAACCACGCCAGCGCCTCGGCTCTTCTAGGGTTAATCAAATCTC
 CATCTCTCCAAAGCCGGGAGGTGCTTACGGCCGTGGCGTTGTCACCGGAGACCGCGGGAGCCGACGG
 GTTGAGAGCTGCCGCTTGGGTGCCCCCTGGAGCATCTTCTACCTTCGTCGCCCGGACGGGGGAGCCACC
 TGGGGGCGCCGTGGAGAACGCACCGAGATCCCATACTGACTGCCGCTCGTCGGAACGCGGTCTAGCC
 CCGAAGAAACTCCCGGACAAGACAGCTGGAATGGGGTCCCCAACAAGACGGGTCTGGGCATGTGGGC
 CTTGGCCATGGCGCTGGTGGTTCAGTGCTACAGCAAGAATCCATCCAACAAGGATGCAGCTCTAATGGAA
 GCTGCCCGGCCAATAACGTGCAGGAAGTCAGAAGGCTGTTATCAGAAGGTGCAGATGTCAATGCAAGAC
 ACAAACTTGGCTGGACAGCACTGATGGTGGCATCCATCAGCCACAATGAGAGTGTGGTGCAGGTCTGCT
 TGCTGCTGGAGCTGACCCAAACCTTGGGGATGAGTTCAGCAGTGTCTACAAGACTGCCAATGAACAGGGA
 GTCATTCTCTGGAAGTCTAGTCACTCGAGAGGATGACTTCAACAACCGGCTAAATCACCGTGCTAGCT
 TCAAAGGCTGCACAGCCCTGCACTATGCTGTCTGGCCGATGACTACAGCATCGTCAAGGAGCTGTGGA
 CAGAGGAGCCAACCCCTTCAGAGGAATGAGATGGGACACACACCCTGGATTATGCCCGGGAAGGGGAG
 GTTATGAAGCTTCTGAAAACCTTCTGAGACCAAGTACATGGAGAAGCAGAGGAAGCGGGAGGCAGAGGAGC
 GGCGCCGCTTCCCACTGGAGCAGCGACTGAAGGAGCACATCATTGGCCAGGAGAGTGCCATCGCCACCGT
 CGGTGCTGCGATCCGGAGGAAGGAGAACGGCTGGTACGATGAGGAGCACCTCTAGTCTTCTCTTCTTG
 GGATCGTCTGGAATAGGGAAAACCGAGCTGGCCAAGCAGACAGCAAAGTATATGCACAAAGATGCCAAAA
 AGGGCTTCACTCCGGCTCGACATGTCTGAGTTCAGGAGCGACATGAGGTAGCCAAGTTTATCGGTTCTCC
 ACCAGGCTACATCGGCCATGAAGAGGGTGGCCAGCTGACCAAGAACTGAAACAGTGCCCAATGCAGTA
 GTCCTCTTTGATGAGGTGGACAAGGCCATCCAGATGTGCTCACCATCATGCTGCAGCTGTTTGATGAGG
 GCCGCTGACAGATGGCAAAGGGAAGACCATTGACTGCAAGGATGCCATCTTCATCATGACTTCCAATGT
 AGCCAGTGATGAGATCGCCAGCATGCATTGCAGCTCAGACAGGAAGCTTGGAGATGAGCCGAAATCGA
 ATCGCTGAAAACCTTGGGGATGTCCAGATGAGTGACAAGATCACCATCTCCAAGAACTTTAAAGAGAATG
 TGATCCGACCCATCTTGAAGCTCACTTCCGGAGAGACGAGTTTCTGGGACGGATCAATGAGATCGTCTA
 CTTCTCCCTTCTGCCACTCAGAGCTCATCCAGCTGGTCAACAAGGAAGTGAATCTGGGCCAAGAGA
 GCCAAGCAGAGGCACAACATCACACTACTGTGGGACCGGAGGTGGCAGATGTGTTGGTTGATGGCTACA
 AGTCCACTATGGTGCCCGCTCCATTAAGCATGAGGTAGAGCGGCGTGTGGTAAACCAACTGGCGGCAGC
 CTATGAGCAGGACCTGCTACCAGGGGTTGCACCTGCGTATCACTGTGGAGGATTTCGGACAAGCACCTC
 CTCAAGAGCCCTGAGCTGCCCTCACCCAGGCTGAGAAGCGTCCACCTACATTGCGACTGGAGATCATTG
 ATAAGGACAGCAAGACCCGCAAACCTGGACATCCAGGCACCACTCCACCCTGAGAAGGTGTGCTACCCAT
 CTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_009191
- Insert Size:** 2034 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_009191.3](#), [NP_033217.1](#)

RefSeq Size: 4492 bp

RefSeq ORF: 2034 bp

Locus ID: 20480

UniProt ID: [Q60649](#)

Cytogenetics: 7 E2

Gene Summary: May function as a regulatory ATPase and be related to secretion/protein trafficking process. [UniProtKB/Swiss-Prot Function]