

Product datasheet for **RN202284**

Clpb (NM_022947) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Clpb (NM_022947) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Clpb
Synonyms:	Skd3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202284 representing NM_022947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTTGTCCGCGGTGTTGAGGAGAACCAGCCAGCGCCTCGGCTCTTCTAGGGTTAATCAAATCTC
 CATCTCTTCAAAGCCGGGAGGTGCTTACAACCGTAGCGTAATCACCGGAGACCGCGGGAGCCGACGG
 GCTGAGAACTGCCGCTGGTGCGCCCTGGAGCATCTTCTGTCTTGTCCCGGACGGGGGAGCCACC
 GGGGGGCGCCGTGGAGAACGCACCGAGATCCCATACCTGACTGCCGCTCGTCTGGACGCGGTCTAGCC
 CGGAAGAACTCCCAGGACAAGACAGCTGGAATGGGGTCCCCAACAAGCGGGATTGGGCATGTGGGC
 CTTGGCCATGGCGCTGGTGGTTCAGTGCTACAACAAGAATCCATCTAACAAGGATGCAGCTTTGATGGAA
 GCTGCCGAGCCAATAATGTGCAGGAAGTCAGAAGGCTGTATCAGAAGGTGCAGATGTCAACGCAAGGC
 ACAAACTTGGCTGGACAGCATTGATGGTGGCAGCCATCAGCCACAATGAGAGTGTGGTACAGTTCTCT
 TGCTGCTGGAGCTGACCCAAACCTTGGGGACGACTTCAGCAGTGTCTACAAGACTGCCAATGAACAGGGA
 GTCATTCTTTGGAAGTCTAGTCACTCGAGAGGATGACTTCAACAACCGACTAAACCACCGTGCAGTT
 TCAAAGGCTGCACAGCCCTGCACTATGCTGTCTGGCCGACGACTACAGCATCGTCAAGGAACTACTGGG
 TGGAGGAGCAACCCCTTCCAGAGGAATGAGATGGGACACACACCCTGGATTATGCCCGGGAAGGGGAG
 GTTATGAAGCTTCTGAAAACCTTCTGAAACCAAGTACATGGAGAAGCAGAGGAAGCGTGAGGCAGAAGAA
 GGCGCCGCTTCCCACTGGAGCAGCGACTGGAGCAGCACATCATTGGCCAGGAGAGTGCCATTGCTACCGT
 TGGTGTGCGATCCGGAGGAAGGAGAATGGCTGGTACGATGAGGAGCACCCCTCTAGTCTTCTCTTCTTG
 GGATCATCTGGAATAGGGAAGAACTGAGCTGGCCAAGCAGACAGCAAAGTATATGCACAAAGATGCCAAAA
 AGGGCTTACCCGGCTCGACATGTCTGAGTTCAGGAGCGACATGAGGTAGCCAAGTTTATCGGTTCTCC
 GCCAGGCTACATCGGCCATGAAGAAGGTGGCCAACCTGACCAAGAACTGAAACAGTGCCCAATGCAGTA
 GTTCTCTTTGACGAGGTGGACAAGGCCATCCAGATGTGCTCACCATCATGCTGCAGCTGTTTATGAGG
 GCCGCTGACAGATGGCAAGGGGAAGACCATTGACTGCAAGGATGCCATCTTATCATGACTTCCAATGT
 AGCCAGTGATGAGATCGCCAGCATGCATTGCAACTGAGACAGGAAGCTTTGGAGATGAGCCGAAATCGA
 ATAGCTGAAAACCTTGGGGATGTCCAGATTAGTGACAAGATCACCATCTCAAAGAACTTCAAAGAGAATA
 TGATCCGACCCATCTGAAAGCTCACTTCCGGAGAGACGAGTTTCTGGGAAGGATCAATGAGATCGTCTA
 CTTCTCCCTTCTGCCACTCGGAGCTCATCCAGCTGGTCAACAAGGAACTGAACCTCTGGGCAAGAGA
 GCCAAGCAGAGACACAACATCACACTACTGTGGGACCGGAGGTGGCAGACGTGTGGTTGATGGCTACA
 ACGTCCAGTATGGTGGCCGCTCCATTAAGCATGAGGTAGAGCGCCGTGTGGTAAACAGCTGGCGGACG
 CTATGAGCAGGACCTGCTACCAGGGGGTGCACCTGCGTATCACTGTGGAGGACTCAGACAAGCAGCTC
 CTCAAGAGCCCTGAGCTGCCCTCGCCCCAGGCTGAAAAGCGTCCGCTACACTGCGACTGGAGATCATTG
 ATAAGGACAGCAAGACCCACAACTGGACATCCAGGCACCACTCCACCCCGAGAAGGTGTGTACACCAT
CTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_022947

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:	<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>NM_022947.1</u> , <u>NP_075236.1</u>
RefSeq Size:	2138 bp
RefSeq ORF:	2034 bp
Locus ID:	65041
UniProt ID:	<u>Q9WTT2</u>
Cytogenetics:	1q32
Gene Summary:	mouse homolog is a putative ATPase and member of the Clp/HSP104 family [RGD, Feb 2006]