

## Product datasheet for **RN203518**

### **Cblb (NM\_133601) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cblb (NM_133601) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cblb
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203518 representing NM\_133601  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCAAATTCATGAATGGCAGAAATCCTGGTGGTCGAGGAGGAAACCCCGCAAAGGTGCAATTTTGG  
 GGATTATTGATGCCATTCAGGATGCAGTTGGACCCCAAAGCAAGCTGCAGCTGACCGCAGGACAGTGGA  
 GAAGACTTGAAAACCTCATGGACAAAGTGGTAAGACTGTGCCAAAAATCCGAAACTTCAGTTGAAAAACAGC  
 CCACCATATATCCTCGACATTTTACCTGATACGTATCAGCATTTCGCGCTTATATTGAGTAAAGTATGACG  
 ACAACCAGAAGCTGGCTCAACTGAGCGAGAATGAGTACTTTAAAATCTACATCGACAGTCTCATGAAGAA  
 GTCAAAGCGAGCGATCCGGCTCTCAAAGAAGGCAAGGAGAGGATGTACGAGGAGCAGTCGCAGGACAGA  
 CGGAATCTCACAAGCTGTCCCTTATCTTCAGTCACATGCTGGCAGAAATCAAGGCGATCTTTCCCAATG  
 GCCAGTCCAGGGAGATAACTTCCGGATACCAAAGCAGATGCTGCCGAATTCGGAGGAAGTTTTTTGG  
 AGACAAAATATCGTACCATGAAAAGTCTTCAGACAGTGCCTGCATGAGGTCCATCAGATCAGCTCTGGC  
 CTGGAGGCCATGGCTCTGAAGTCAACCATTGACTTAACTTGAATGATTACATCTCCGTGTTGAATTTG  
 ATATTTTTACCAGGCTATTTACGCCCTGGGGCTCTATTTACGGAATTGGAACCTCTTAGCTGTGACACA  
 CCCGGGTACATGGCATTCTCACATATGATGAAGTAAAGCTCGACTACAGAAATACAGCACCAGCCT  
 GGAAGCTACATTTCCGGTTAAGCTGCACTCGGCTGGGACAAATGGGCCATTGGCTATGTGACTGGGGACG  
 GCAATATCCTACAGACCATACCTCATAACAAGCCCCTGTTCCAAGCCCTGATTGATGGTAGCAGGGAAAG  
 CTTTTACCTTTATCCAGATGGACGAAGCTATAACCCTGATTTAACCGGATTATGTGAACCTACACCTCAT  
 GATCATATAAAAGTTACACAGGAGCAATATGAAGTGTATTGTGAAATGGGCTCCACTTTTCAGCTGTGCA  
 AGATGTGCGAGAGAATGACAAAGATGTCAAGATCGAGCCTTGTGGGCATCTCATGTGCACTTCGTGCCT  
 TACCGCGTGGCAGGAGTCTGATGGCCAAGGCTGCCCTTCTGTCGCTGTGAGATAAAAGGAACCGAACCT  
 ATCATCGTGGATCCCTTTGACCCAGAGACGAAGGCTCCAGGTGCTGCAGCATCATCGACCTTTTCAGCA  
 TCCCCATGCTCGACTTGGATGATGACGATGATCGAGAGGAGTCTCTGATGATGAACCGGCTGGCAGTGT  
 TCGCAAGTGCACAGACAGGCAGAACTCGCCAGTCACATCGCCAGGATCCTCACCCCTTGGCCAGAGAAGA  
 AAGCCTCAGCCAGACCCTCTCCAGATCCCCACCTCAGCCTGCCACCAGTGCCTCCCCGCTGGACCTCA  
 TTCAGAAAGGCATCGTGCCTCTCCCTGTGGCAGCCCCACGGGCTCCCCGAAGTCTTCTCCATGCATGGT  
 TAGAAAACAAGACAAACCACTCCAGCACCCCCCTCCTCCCTTGCAGATCCTCCGCTCCACCAGAGCGG  
 CCTCCGCCAATCCCGCTGACAGTAGACTGAGCAGACACTTCCACCAGGAGAGAGTGTGCCTTCCAGGG  
 ACCAGCCAATGCCTCTTGAAGCCTGGTGCCTCGGGATGCCTTCGGGACTAATCAGGTGATGGGATGTCG  
 CATCCTAGGGGATGGCTCTCAAAGCCTGGCGTACAGCAAACCTCAAACCTAAATGGACGTCACAGTCTGA  
 ATGGGCTCTGACCAGGTTCTTATGAGGAAACACAGACGCCACGATTTGCCTTCAGAAGGCGCCAAGGTCT  
 TTTCAATGGACACCTTGCCCTGAAGAATACGACGTTCTCCTCGGCTTTCCCTCCTCCTCCAGTCAC  
 TGCCCTTCTCCCTAGCATAAAGTGTACTGGTCCAATAGCAAATTTGTCTCTCCGAGAAAACAAGAGACACA  
 GTAGAAGAAGATGATGATGAATACAAGATTCTTCATCCCATCCTGTTCCCTGAATTCACAACCATCTC  
 ATTGTATAATGTCAAACCTCCTGTTCCGGTCTTGTGATAATGGTCACTGTATACTGAATGGAACCTATGG  
 TACGCCCTCAGAGATGAAGAAATCAAACATCCCAGATTTAGGCATCTATTTGAAGGGTGAAGATGCTTTT  
 GATGCCCTCCCCCATCCCTTCTCCTCCCCACCTCCTGCAAGACATAGTCTCATCGAGATTCAAAC  
 CTCCAGGCTCCAGTAGCCGGCCTTCTCAGGACAGGACCTTTTCTTCTTCTTCCATCAGATCCCTTTTTGA  
 CCCAGCAAGTGGCCAAGTTCCATTGCTCCGGCCAGGAGACACCAGGAGATGGTGTCAAATCCAACAGA  
 GCCTCCAGGACTATGACCAGCTCCCTTCTCCTCGATGGTTCGCAAGCACCAGCTAGACCCCCAAAAC  
 CACGACCCGAAGGACTGCACCAGAAATTCATCACAGAAAGCCCCATGGGCCGAGGCGGCACTGGAAAA  
 TGTGGATGCGAAAATTGCAAACTCATGGGAGAGGGGTATGCCTTTGAAGAGGTGAAGAGAGCCTTAGAG  
 ATCGCCAGAAATACCTGGAAGTGGCCAGGAGCATACTTCGAGAATTCGCCTTCCCTCCTCCGCTCTCGC  
 CAGTCTCAATCTA**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

<b>ACCN:</b>	NM_133601
<b>Insert Size:</b>	2817 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_133601.1</a> , <a href="#">NP_598285.1</a>
<b>RefSeq Size:</b>	3373 bp
<b>RefSeq ORF:</b>	2817 bp
<b>Locus ID:</b>	171136
<b>UniProt ID:</b>	<a href="#">Q8K4S7</a>
<b>Cytogenetics:</b>	11q21
<b>Gene Summary:</b>	ubiquitin-protein ligase; may regulate autoimmunity; implicated as a susceptibility gene for type I diabetes (IDDM) [RGD, Feb 2006]