

## Product datasheet for MC203231

### Cpq (NM\_176073) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cpq (NM_176073) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpq
Synonyms:	1190003P12Rik; 2610034C17Rik; Hls2; Lal-1; Pgcp
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC037067  
 CCACGCGTCCGCGTCTGCTCCGAGAGCCTCGTGATCAGGAAGAAAAGCAACTAGGAACAATGAGGTC  
 CCTTTTCTCCTGTTTCATTGTTACCTTTTAGCCTTGGGCTCTGGTAAAGCTGTATTCAAGAATGGTGT  
 TCTCAGCGAACATTTTCGAGAAATAAAGAAGAAATAGCCAACTATGAAGATGTTGCTAAAGCAATTATCA  
 ACCTTGCTGTTTTATGGTAAATACCAAGAACCGGCTCTATGAGCGTTTGGGACTTCTAGTTGATACTGTTGG  
 ACCCAGACTGAGTGGCTCTAAGAACCTAGAGAAAGCTATTCAAATCATGTACAAAACCTGCAGCAAGAT  
 GGGCTAGAAAAATGTTACCTGGAGCAGGTGAGAAATACCCCACTGGGAGAGGGGAGAAGAATCTGCAGTGA  
 TGCTTGAGCCTCGAATTCACAAGATGGCTATTCTAGGTCTTGGCAGCAGCATTGGGACTCCCCAGGAGG  
 CATCACAGCAGAAGTCTGGTGGTAGCCTCTTTGATGAACCTCAAAGAAGAGCATCAGAAGCAAGAGGG  
 AAGATCATTGTTTATAACCAGCCTTACTGGCTATGAGAAGACTGTGCAGTACCGGGTGCAGGGAGCTG  
 TGAAGCTGCCAAGGTGGGAGCTGTGGCATCCCTCATCCAATCAGTAGCTTCCTTTTCCATCTACAGTCC  
 TCACACAGGTATTCAGAAATATCAAGATGGTGTGCCAAGATTCCAACAGCCTGTATCACAGTAGAAGAT  
 GCAGAAATGATGTCTCGAATGGCTTCTCGTGGGAACAAAATTGTATTCTGGAATGGGAGCAAGA  
 CCTATCCAGATACTGATTCTTCAATACTGTTGCAGAGATCACTGGGAGCATGTATCCAGAGGAAGTTGT  
 CCTGGTCACTGGACATTTGGACAGCTGGGATGTTGGGAGGGTGCAGTGGATGATGGTGGTGGAGCCTTC  
 ATATCATGGGAAGCACTCTCACTTGTTAAAGATCTTGGGCTGCGTCCAAAGAGGACTCTGCGCCTGGTGC  
 TCTGGACTGCAGAAGAACAAGGAGGAATTGGTGCCTCCAGTATTATGAGCTACATAAGGCAAATATTTT  
 CAAGTACAGCTTGGTGTGGAAGCTGACTCAGGAACCTTCTTACCACTGGACTGCAGTTCAGTGGCAGT  
 GACAAGGCCAGGGCTATCATGAAGGAAGTCAATGAATCTTCTGCAACCCCTCAATGTCACCAAGGCTTTA  
 GTAATGGAGAAGGAAGTATTAATACTTCTGGATCCAAGCTGGAGTACCTGGAGCCAGTCTGCGTGATGA  
 CTTGTACAAGTATTTCTTTTCCATCATTCCCACGGAGACACCATGACTGTCATGGATCCAAGCAGATG  
 AATGTTGCTGCTGCTGTATGGGCTGTTGTGCGTTATGTTGTTGCAGACATGGATGAAATGCTGCCAGGT  
 CCTAAGGAGAACAAGAAGAGAGGACCTTGTCTGTAGTTGGGAATCCCAACTCTGAATCTTTACAACA  
 TCCATCGTCACAAAAGAGTGTATACATTTAATCCACAGGGCATAGTTTTCTTTTACCTTCTGTTAATC  
 ATCTTTCCCTTAATACTTTCTTATCTGTTTCTAGAATAAATCATGATCCCTACTGCACCACCTTGAAAATG  
 TTGTTTCCAGTTTTAAAAAAGCAATAAATATTTGAAATGCTTCTGATTTTTTCATTTTCATTTAAAAACA  
 TTAATTAATAATGTAATGAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_176073
<b>Insert Size:</b>	1413 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>	<u><a href="#">BC037067</a></u> , <u><a href="#">AAH37067</a></u>
<b>RefSeq Size:</b>	1796 bp
<b>RefSeq ORF:</b>	1413 bp
<b>Locus ID:</b>	54381
<b>UniProt ID:</b>	<u><a href="#">Q9WVJ3</a></u>
<b>Cytogenetics:</b>	15 B3.1
<b>Gene Summary:</b>	<p>Carboxypeptidase that may play an important role in the hydrolysis of circulating peptides. Catalyzes the hydrolysis of dipeptides with unsubstituted terminals into amino acids. May play a role in the liberation of thyroxine hormone from its thyroglobulin (Tg) precursor (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate segment in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.</p>