

## Product datasheet for **MC210046**

### Cpb2 (NM\_019775) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Cpb2 (NM\_019775) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Cpb2  
**Synonyms:** 1110032P04Rik; 4930405E17Rik; AI255929; C; CP; CPR; Cpu; TA; TAFI  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC210046 representing NM\_019775  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCTTCATGGCCTTGAATCCTGGTAGCCATCATCCTCTATGAGCAGCATGGCTTCGCCTTTCAG  
 GTGGCCAGGTTTTATCTGCTCTTCCAAGAACCTCCAGGCAAGTTCAACTACTTCAGAATCTTACTACAAC  
 GTATGAGGTCGTCTCTGGCAGCCAGTGACAGCTGAATTCATCGAGAAGAAAAGGAAGTCCACTTTTTT  
 GTGAATGCGTCTGATGTCGACAGTGTCAAAGCGCATTTAAATGTGAGCAGAATCCATTTAACGTTCTGA  
 TGAACAACGTGGAGGACCTAATTGAACAGCAGACTTTCAATGACACGGTCAGCCCCGCGCTCCGCTTC  
 AACTATGAGCAGTATCACTCGTAAATGAAATCTATTCTGGATAGAAGTCATAACTGAACAGCATCCT  
 GACATGCTCCAGAAAATCTACATCGGATCATCATTCGAGAAGTACCCACTTTATGTTTTAAAGGTCTCAG  
 GAAAGGAACAAAGAATCAAAAATGCCATCTGGATCGACTGTGGAATCCATGCCAGAGAATGGATTTACC  
 TGCTTTCTGTTTGTGGTTCATAGGCTACGTGACACAATCCATGGGAAAGAAAATCTGTATACCAGACTT  
 CTGAGGCAGTGGATTTCTACATCATGCCCGTGATGAACGTGGATGGCTATGACTACACGTGGAAAAAGA  
 ATCGAATGTGGAGGAAGAACCCTCTGCTCACAAGAACAACCGCTGCGTGGGCACAGACCTGAACAGGAA  
 CTTGCTTCCAAACACTGGTGTGAGAAAGTGCCTCAAGTTCCTCTGCTGAAACCTACTGTGGACTT  
 TATCCTGAGTCTGAGCCAGAGGTGAAGGAGTGGCTGACTTCTTGAGAAGAAATATCGACCACATTAAG  
 CTTACATCAGTATGCACTCATACTCCCAACAAATACTGTTTCCCTATTCTATAACAGAAGCAAAAGCAA  
 GGACCAGAAAGACTGTCTCTAGTGGCCAGCGAAGCAGTTCGTGCAATTGAAAGTATTAATAAAACACC  
 AGGTACACACACGGCAGTGGCTCAGAAAGTTTATCTAGCTCCTGGAGTTCTGACGATTGGATCTATG  
 ATTTGGGCATCAAATATCGTTTACAATTGAGCTCCGAGATACAGGCAGATACGGATTCTTGCTGCCTGA  
 GAGATACATCAAACCCACTTGTGCAGAAGCTTTGGCCGCATCTCTAAAAATGTTTGGCATGTCATCAGG  
 AACACT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_019775
<b>Insert Size:</b>	1269 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_019775.3</a> , <a href="#">NP_062749.2</a>
<b>RefSeq Size:</b>	1503 bp
<b>RefSeq ORF:</b>	1269 bp
<b>Locus ID:</b>	56373
<b>UniProt ID:</b>	<a href="#">Q9JHH6</a>
<b>Cytogenetics:</b>	14 D3
<b>Gene Summary:</b>	This gene encodes carboxypeptidase B, a zinc-dependent metalloprotease that cleaves peptide bonds at the C-terminus of protein substrates. The encoded preproprotein undergoes proteolytic activation to generate a mature, functional enzyme, and secreted into plasma. [provided by RefSeq, Jan 2016]