

## Product datasheet for **MC222841**

### Cep112 (NM\_029606) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cep112 (NM_029606) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cep112
Synonyms:	1700001M19Rik; 1700029K01Rik; 8430407H02Rik; AV043680; AV207351; Ccdc46; Macoco
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222841 representing NM\_029606  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAACAGGAAGTGAAGAAGAAAAATGGGAGAAGCTAGATGCAGAATTTGATCACTTCGTGGTAGATA  
 TGAAGCCCTTTGTTTTAAAATTACCCATAGGTCAAGACGGCAGAGGTGTGCTCTTTGGATCAGAAAGCT  
 GTGTGAGCCCTCAGGAACGGGTGCAGGACTCATGGGTAGGAAGAATCGAAACCTGTATGCAAGCTGTTA  
 CTGCATATGCTTAGGCGAGGAATACTTGAAGGCCCTTTACACACCGCCCGGAGCCAGGAACGCTGAAAA  
 CATTGCCATCGTACATGTCCATCTATTTTGTGAACCAATCAAGCACACCCAAAGATTCGAGCCAGA  
 GAAGTTACCTGACTGGGTGAGGGGTGAGCTGCAGACGGCGAGCAGAGTTAAGTGACTCATGGCAGTGC  
 TCTTCTGGAGAGGACAACACGCTGGTGTGGCGCCAGTGATGCTCACAGAGAACAGTACTGGAAAGC  
 TCCGAATGAGGTCCATTCTGTGAGTCCAATTATAGAGAAGACAACAACACATTACTTCAAAGATCTG  
 TGAAGTTCATTCAAAAACGTCTCTATTTCTTTGGATGACAGTGACATTGAAGTTCGCCTGAACAGTTGG  
 AATCTTTGGGATTGAAAATCCCGGTACCTGAGACAGAAACCTCTCCAGTTTCTCTGATGACTCCCAAGG  
 GCAGCCTGAGGAAGGCTAGCAGTCTTATGATGACCATTTTCTCTCTCGAATGCACGAGAAAGAGTTGGA  
 CATGAAAACAAAAATGATGGAAGCAAAAATTTCTGAAGAGAACTTAAGCTGCAGCAGAAGCATGATGCC  
 GAAGTGCAGAAGATTTTAGAAAGAAAGAATAATGAATTAGAAGAGTTGAAAATCTTATACAAAAAGAAAC  
 AAAGTAAAGTGAAGGAGACCATACGAAAGCTTGAAGAAAGTTGAGATCCTTATCCGTGACTGTGAGGT  
 TATCAGAGAACTAAAGAAAACAGATAACCGAGCTGAAGAAGATCTGTGAGCAAAAGCACAGAGTCTGTG  
 AATAATGATTGGGAAAAAAGCTTACAATGCTGTAGCAGAAATGGAAAAGGACAAAATTTGAGCTTCAA  
 AGCACCATACGGAGACCATCCAGGAAGTCTGGAGGACACAAAATGTGGGCTGAGTAAAAATGGAGCAGA  
 CTATGTGGTGCAGATGCAGTCCACAACACATGATCAAAGAGCTGGAGGGCCGTGTCCAGCAACTGATG  
 GGAGAAGCAGAGAACAGCAATCTACAGAGGCAGAAATGACCCAAGAAAAATGGAGCTGGAAAGATGCT  
 ACCAGATAACATGTAATGAATTGCAGGAGTTAAAGACAAGGCGCAACATACTACATAAAGAGAAAGAACA  
 TCTTGTAAATGACTATGAGCAAAATGTGAAATTTAAAAACTAAATATGATTCTGACATAAATCTCCTG  
 AGACAAGAGCATGCACCTTCACTTCTAAGACATCTGGTGTGATTGAAGAGTTAGAACAGAACATCTGTC  
 AATTAACACAGCAGGTCCAAGAATCGGAGCTTCAGAGGAAACAGCAAGTAAAAGATCAAGAAAAAAGTT  
 TCACATGGAGAAAAACATTTAAAAACACCTATGAGAAAAAGTTTCACTGAACTGCAGAGTGAACCTGAT  
 AAAGAGAAGGAAGATGCTCAGAGGAAGATCCATAAATTTGAGGAAGCTTTGAAGGAGAAGGAGGAGCAGC  
 TCAGCAGAGTGAAGTTGAGAGGCTCAAGCCAGCAGGCAGATGCTGCTCTGGAGGAGTTTAAAGCG  
 GCAGGTAGAAGTGAAGTCTGAGAAGTCTATGGTGTGATGAAAGAGCAGATGGAAAAAGTGGAAAGCAGAC  
 CTAACGAGATCCAAGTCTCTCCGTGAGAAGCAGTCCAAGGAGTTTCTGTGGCAGCTGGAAGACGCCAAGC  
 AGAGATATGAACAGCAGATAGTAGAGCTGAAGCTGGAGCATGAACAGGAGAAGACGCACCTATTACAGCA  
 GCACAGCGCAGAGAAGGATAGCCTAGTCCGAGACCATGATCGGGAAATGAAAACCTGGAGAAACAGCTT  
 CGCGCTGCCAATATGGAGCACGAAAATCAAATTAAGAGTCCAAGAAACGAGATGCTCAGGTTATTGCTG  
 ACATGGAGGCCAGGTTTCAAGCTGAGGGAAGAGCTGATTAGTGTGAAGTCTCAGCGGAAACAGCAGTT  
 GATAGAAGTGGTCTTCTCGGGAAGAAGAGAAGCAGAGAGCTGCAAAGGACCATGAGACTGCTGTCAAG  
 AAGCTGAAGGCCGAGTCAAGAGAGGTGAAAATGGAGCTCAAAAAGACACACGCTGCTGAGACCGAGATGA  
 CTCTGGAGAAGGCCAACAGCAGGCTGAAGCAGATCGAGAAGGAATACACTCAGAAGCTTGCCAAATCTTC  
 TCAGATCATAGCAGAAGTTCAGACAACCATTTCTCTCTGAAAGAGGAGAGCAGTCGGCAGCAGCTTGCT  
 GCAGAAAGGCCGCTCCAGGATGTTATACAAAAGTTTGAAGATGAGAAGCAGCAGCTGATTAGAGATAATG  
 ACCAAGCAATCAAGGCTTACAAGATGAACTAGAAACCCGCTCTCATCAGGTGCGAAGTGCAGAGAAAA  
 GTTACATCACAAAGAAGTGGAGGCGCAGGAGCAGATAATGTACATACGACAAGAATATGAAACAAAATTC  
 AAGGGTTAATGCCAGCTCTCTAAGACAAGAAGTGGAGACACCATATCTCCCTAAAGTACAGGTCA  
 ACTTTCTACAAAAGGGCATCTATCTTCAAGAAGAAGTACCACCTACCAAGCAGAAGT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

<b>ACCN:</b>	NM_029606
<b>Insert Size:</b>	2865 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_029606.3</a> , <a href="#">NP_083882.3</a>
<b>RefSeq Size:</b>	3516 bp
<b>RefSeq ORF:</b>	2865 bp
<b>Locus ID:</b>	76380
<b>UniProt ID:</b>	<a href="#">Q5PR68</a>
<b>Cytogenetics:</b>	11 E1