

## Product datasheet for MC225215

### Cabin1 (NM\_172549) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cabin1 (NM_172549) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cabin1
Synonyms:	A330070M20Rik; Cain; Ppp3in
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225215 representing NM_172549 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTCGAATTGCAGCCTTAAATGCCAGCTCCACGATTGAGGATGACCATGAAGGAAGCTTCAAAGTC  
ACAAAAACAGACAAAGGAGGCTCAGGAAGCAGAAGCCTTTGCCCTATACCACAAGGCCCTGGATCTACA  
AAAACATGACAGGTTTCGAGGAGTCCGCCAAGGCCTACCACGAGCTTCTGGAGGCTCGCCTGCTGCGGGAG  
GCAGTGTCAATCCGAGATGAGAAGGAAGGGCTGAAACACCCTGGACTGATACTGAAATATTCTACATATA  
AGAACCTGGCCCAGCTGGCGGCCACGAGAGGACCTGGAGACCGCCATGGAATTTTATTTGGAGGCAGT  
GATGCTGGATTCCACAGACGTCAACCTTTGGTACAAAATTGGACACGTCGCCCTGAGGCTCATCCGGCTT  
CCCCTGGCTCGCCATGCTTTTGGAGGAAGGGCTTCGGTGTAAACCCTGACCACTGGCCCTGCCTGGACAATC  
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AGGCCATTGTAGATGAGGCTCTGGGGCTGCGGAAGAAGAGGCAAGCGTTGATCGTGGGGAAAAGGAAC  
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CCACTGCACAGTCCCAGCCTGCTGGACACAGGCACTCCTATGGGTGATGTTTCTGGAGGAGATAAGTCTA  
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CCGAAACACCAAGTGCAAAAAAGAAGAGAAAGTGGATTTCCAGGGACTGCTAGTAAAGTCTGCGCTCC  
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GAAGCAGGATGTGCATGCGTTTCTGATGGAGAACCTGACCAACGGGGGCCTCCTGGAGCTTATGATGCGT  
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TTTACCACAGCTGGAGGAGGCATAGCACCAGCCTGCCAACCATTGCTGAGGGACTGCAGCAACAAGCA  
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 AACAGACATCACGTCTGTTGCCGGGCCGCCCAAGGGACCGGGCCCTGAGAGCCGGTCTGCTGAGCT  
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 ATCCGCTGCCAATGTGAGGAAGGAGAGCCTGTGCCAGCCAGCCCTGGAGGTTCTGGAGACATCCAGCCAG  
 GAGTCTCACTGGAGAGCGAGACAGACGAGGATGATGACTTCATGGACGTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_172549
- Insert Size:** 6564 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:**
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:** [NM\\_172549.3](#), [NP\\_766137.2](#)
- RefSeq Size:** 7483 bp
- RefSeq ORF:** 6564 bp
- Locus ID:** 104248

Cytogenetics: 10 38.56 cM