

## Product datasheet for MC223249

### Cped1 (NM\_001081351) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cped1 (NM_001081351) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cped1
Synonyms:	6720481P07; A430107O13Rik; A1552584
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223249 representing NM_001081351 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTCTGTGACCCGGGTTCTTTGTGCGCCGGCGATTTGCCCCGACCTTTCCTGGTGGGTTGGTGG  
TGGCGATCTGTCTTTTACCAGACCCTGACACTCCGAGGGACTAAGAAGATTGCAGCGGACGTCTCTGG  
CACTGTCCACACACCCTCTCAAACCTCAGGCTAGCAGATGTGAAGAAGGATACCGGCAGGACAAACAA  
TGCTTCTTCTCTCTGCGAGTACCCAGGAAACCAGGAAGATTGAAGAATCGATTGAGAGACACTTCGGCA  
GTCTCAGCAGAAGGGCCGTCTCCACAGGCCTCCTTCCAGCAGAGCAGACTTCAGATACACCAGCA  
CCTTCTTGCTCAGCATGGATACAGCGTTGTCACTGTGGAAGAAAGGCTTGGTGGTGGTCTAGGTCGGAG  
CTGCTGGACCAAGGTGGTTTGAACCTCTGGGATCTGTTCAATTTGCCTGCCTTCTAGGGAAGCTGATGGGA  
AACCTGCATACCCAGGGAGCACATGTGTGACTAAGCCTACATCAAAGGTAATGTGTTACCAGAAAT  
ACAGCCTCAGCTTTCAGGAGAGAAGGCTTGTGTGAAATAACCAGAAGATTTCCAGAATTTGCAGTTCCA  
GTGAGTTCTCTGTGTGCCTGGATCAGGAGACACAGTCACGGCTGAGGGTTTCCAGTCATCTCTCAAAG  
CAGAGAAGCCACATGTATGGAAACCTCGGACTGGCACCAGAAACAGTTGAATCTGACTACAGTCGTTGC  
CCCGCACGAAGCAATCTCCAGAGCAGAAGAGCTATCTGTGATTCTTAAGGCATATGTGTTGGTGACCTCC  
TTAAGGCCTTTCGCGGCCTTCATTCATCAACTGGCACGGTATGGAGCCACCAAAGAAGAAACGTTCA  
CTGTCAAGCTGCAGATGTTTTTGGAGACATTCCTGAGGACCAGTTCGCTCTGCAAGCACTGGACAGCAT  
GAAGGAAGCCATTAGCAAGCTCCTGTTGGTAGCTGAGGTGTTTAGTGACGCATCTACTCTGGGACCAAG  
ACCTTCAATAGATGTATACAGTGTTTTTCAGCTTTTAACTTTGATGTTGGTTATGGAGATTCAGGATATC  
CTGTGGTCTCCAGGTACATGAACATTTACATTTTACAGTATGAGAATTTACAGCGGGAGGACCAAAA  
TGCGGAAAATATTATTTAAGGGATACTTTCGACTTCTCTTCTCAATGCGTCTTCACTGTCCATGGTT  
TCTGAGATGTTGCAGAGGCGTACTCAGCAGGTGCATTCGTGGACGAAACTATGAAAAGGAATTAATC  
AGTGCCTGTCAATCGAGGAAATTCACCAATTAGGACTTTTGTAAAGGAATTTGGGAGTTTGGGACAATT  
CCAAGTCTTCCCGTCCAGTGTCTCTGGGATTCGGTCTCTGATGGGTGAATTTATGATATGGCAACT  
CCTGGCTCAGTCTGTGCGAGTACTGGTCCCTTTAAATGTATTTGAACAATTTGGCTCATGAATAAAA



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AGGCACAGCTACAGCCACTGGAATGGAATTCTCCGACAAGAAATGAGACCATTGAGGAACCCAGGTC  
 ACTGGAAGGAATCCAAAGTGAAAAAGATGCAGCTCCACGAGTTTTGTTGAAAATAAAGATATACATTGC  
 AGTGATGAGGAAGATGTGCTCTGCCATATCAAGAAGATCATCACCCACCCCGTTTGAAGACTCAGTCCC  
 AGTTTAAATCCGAAGATCAAAGAGTATTACTGTGAAGTGCCATTGATGTGCTAACTGTGAGGATCGGAGC  
 AGAGACCTCAAAGTGTGAGTGAAGGCGCACCTGCAGGAGCAGGCAGGGCCAAGTTTTGCCACCTATCCT  
 CTGGGAATAGGAATGAACAGAATCTCTGTGCTTGTGGTGGACGAGTCTCACGAGGGGTGCCGCCCTAA  
 CCACGTATAAACTCACCATCTATAGAGAAGATCGCCGAGTCTGCCCTTCTTCGAGGACTTCACAGCGTG  
 CGGCTTTGTACAAGATTGTGACTTATTGATTCACCCAGAAGAACTGTGGGTTGCAGCCTATTTCTGCA  
 GAATACATTAAAGCCATTTACAGCCTGAAATAGAGAGTTGTCCATCTGGGGACACTAAAGGCCAGTGGA  
 TTGTGCCCTGCCTTACTTGTTCAGACAACAGGACCTGTGACTGGAGAGAAAATAACCTGGCAACCACAAA  
 CTGCCAACACAACATTCTAACCAAGCCAGAACTTCAACAGTGCCTACAAGGAAGAAAGATTCTTTTCATA  
 GGAGATTCACCAACAGAGGGATGATGTACTATCTAATCGAGAGACTGAATGAAACACTTCAGGAGTGGC  
 AGAAACTGCATGGCACTAACTCTACCCAGTGTCAATGGTGGGAAGAGTCCGATCAGTTACTCCTACTA  
 TCCCCAGTCTGGATAAGGCCTTATTGAGACCAGCATTGAGAAAGCACTTGAACATCTCTTGAAAGA  
 TCACAGCCCTAGAGAATACTGACCAGACGGTATTGGTTGTTGGTGGTCCAGTGGCTTAAATCCAATC  
 ACCTGCAAATTATTCACAAGTTTTAAAGAGGGAAAATTTGCTGAATATTTCTAGTGATCATCAAACATT  
 GGGGATTGGATTTACCTGCCGGTGGACGGGTGCACTTCTTAACCCAGGGTGAAGTACGGAACCTATAT  
 AAAGAAAATCTGAGCATTCTGAAAAGTCCAAAAAGTATGGCTATGAAGTAGTAGACACATTCACTATCA  
 CAATGGGACGGCACAAGAATTTCTGCAGGGCAATTGTGGATGCCATTTTCATGAGGTAGTGAATCAAA  
 GTTATCCAGACAGCACCAGTTCATCAAGATGAAAAGATCCAAGAACCATATTGTGGGGAAGTACTTCAGT  
 AGTCAAAGCAAATAAAACAACAATTCTGTCCCAAATCTTCATTACCGTATCATGTCAGAGGCCCGA  
 TAAACCAGTTTTGTGCTGAAATCCTGCTCAGCAGAATGTGTGCGAGTCAGAGTCTGCCAGGCGCCTTG  
 A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001081351
- Insert Size:** 3081 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\_001081351.1, NP\_001074820.1
- RefSeq Size:** 4898 bp
- RefSeq ORF:** 3081 bp

Locus ID: 214642

Cytogenetics: 6 A3.1