

Product datasheet for **MC216917**

Cndp1 (NM_177450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cndp1 (NM_177450) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cndp1
Synonyms:	A1746433; Cn1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216917 representing NM_177450
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTCTCTTCGGCACACTCTGGGCTGTTGGAGAAGCTCTCCACTACATAGACCTCCACCAGGATGAGT
 TCGTGCAGACACTGAAGGAGTGGGTGGCCATTGAGAGTGATTCTGTGCAGCCTGTGCCTCGTCTCAGACA
 GAAGCTCTTCAGATGATGGCCTTGGCTGCAGACAACTCCGGAACCTGGGAGCTGGGGTGGAGTCCATA
 GACTTGGGTTCTCAGCAGATGCCTGATGGTCAGAGTCTCCCCATACCTCCTATCCTATTGGCTGAGCTGG
 GAAGTGATCCCGAGAAGCCAAGTATGCTTCTATGGGCACCTGGACGTGCAGCCAGCTCAGAAGGACGA
 CGGGTGGCTCACGGACCCTACACTGACAGAGGTGGATGGGAACTGTATGGACGGGGAGCAACAGAC
 AACAAGGGCCCCGCTTGGCTTGGATCAATGCCGTGAGCACCTTCAGAGCTCTGCAGCAGGATCTCCCG
 TGAACATCAAACCTCATCCTGGAGGGAATGGAAGAAGCCGGTTCATCGCCCTGGAGGAACCGTCATGAG
 AGAAAAGGACCCTTCTCTCCAGTGTGGACTACATTGTATTTAGACAACCTGTGGCTCAGCCAGAGG
 AAACCTGCACTCACTTATGGAACCCGGGGAACTGCTACTTCACGGTGGAGGTGAAGTGTAGAGATCAAG
 ATTTCCACTCAGGAACCTTTGGTGGCATCCTCAACGAACCAATGGCTGACTTGGTTGCTCTTCTAGGTAG
 CCTGGTGGATTATCAGGCCACATCCTAATTCCTGGAATCTATGATCAAATGGCCTATTACAGAGGGA
 GAAAAGACAATGTATAAAAAATTGATATGGACCTAGAAGAATACCAGAACATCAACCAAGTTGAGAAAT
 TTCTGTTTGATACCAAGGAGGAACCTTCTGATGCACCTGTGGAGGTATCCGTCTCTCTCCATCCATGGCAT
 CGAGGGTGCCCTTGTAGAGCCTGGAACAAAACAGTCATCCCGCCGAGTCCTAGGGAATTTTCAATC
 CGTCTAGTCCCTACCATGTCCTCGTCTGTGGTGGAGAAACAGGTAACCTCAGCATCTCGAAGCTGTCTTCT
 CTAAGGAATAGTTTCAACAAGATGGCCGTTTCTATGGTCTTAGGACTCCACCCATGGACTGCAAACGT
 CAATGATACTCAGTACCTTGCAGCACAGAGAACCATCAAAACAGTGTGGAGTTAATCCTGACATGATC
 CGGGATGGGTCAACCAATTCGAATGCAAAAATATTCCAGGCTATCACACAAAAGAGTGTGATGATGCTCC
 CACTGGGAGCTGTGGACGATGGAGAGCACTCTCAGAATGAGAAGATCAACAGGTGGAACACATACAGGG
 GTCGAAATTATTCGCTGCCTTTTCTGGAGTTGTCAAAACAGCATTCCAGGACACAGATGCCTTCCAGT
 GTCTACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_177450

Insert Size: 1479 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_177450.4](#), [NP_803233.2](#)

RefSeq Size: 2829 bp

RefSeq ORF: 1479 bp

Locus ID: 338403

UniProt ID: [Q8BUG2](#)

Cytogenetics: 18 E4