

## Product datasheet for **RN204245**

### **Cndp1 (NM\_001007687) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cndp1 (NM_001007687) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cndp1
Synonyms:	MGC93742
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204245 representing NM\_001007687  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTATCTCCTCCACACTCTGGGACGCTGGAGAAGCTTCCAGTACATAGACCTCCACCAGGATGAGT  
 TTGTGCAGACCTGAAGGAATGGGTGGCCATTGAGAGTATTCTGTGCAGCCCATGCCTCGTCTCAGACA  
 GGAGCTCTCCGGATGATGGCCCTTAGCCGACAGACAACTCCGGAACCTGGGAGCTAGGGTGGATTCTGTA  
 GACCTGGGTTCTCAGCAGATGCCTGACGGTCAGAGTCTTCCCACGCCTCCTATCATATTGGCTGAACTTG  
 GAAATGATCCCAAGAAGCCCTCCGTATGTTTCTATGGGCACCTGGATGTGCAGCCAGCTCAGAAGGAGGA  
 TGGGTGGCTCACGGACCCCTACACACTGACAGAGGTGGATGGGAACTGTATGGACGGGGAGCGACAGAC  
 AACAAAGCCCTGTCTTGGCTTGGATTAATGCCGTGAGCACCTTCAGAGCTCTGCAGCAGGATCTCCCG  
 TGAACGTCAAGTTCATCCTGGAAGGGATGGAGGAAGCTGGTCTGTGCGCCTGGAGGAACTCGTCAAAG  
 AGAAAAAGACAACCTTCTCTCTGGTGTGGACTACATTGTATTTAGACAACCTGTGGCTCAGCCAGAAG  
 AAGCCTGCACTCACTTGTGGAACCCGGGGAACTGCTACTTCACGGTGGAGGTAAGTGTAGAGATCAAG  
 ATTTCCATTCCGGAACCTTTGGTGGCATCCTCAACGAACCAATGGCTGACCTGGTTGCTCTTCTAGGTAG  
 CCTGGTAGATTATCAGGCCACATCCTAGTTCTTGGAACTATGATCAAATGGCCCTATTACAGAGGAG  
 GAAAAGACAATGTATGAAAACATTGATCTGGACCTAGAAGAATACCAGAAGAGCAGCCGGGTTGAAAGAT  
 TTCTGTTTGATACCAAGGAGGAGCTCCTCACGCATCTGTGGAGATACCCGTCTCTCTCCATCCATGGCAT  
 CGAGGGTGCATTTGATGAGCCCGAACTAAAACAGTCATCCCGGCCGCTCCTAGGAAAATTTTCAATC  
 CGTCTAGTCCCACACATGACTCCGTCTGTGGTAGAGACACAGGTGACGCAGCATCTGGAAGCGGTGTTCT  
 CAAAAGGAATAGTTTCAACAAGATGGCTGTTTCTATGGTACTAGGACTCCAGCCGTGGACTGCAAAACAT  
 CAATGGCACTCAGTACCTCGCAGCACGAAGAGCCATCCAACAGTGTGGAGTCGATCCTGACATGATC  
 CAGGATGGGTCAACCATTCCAATTGCTAAAATATTCCAGGATATCACCCAAAAGAGTGTGATGATGCTCC  
 CGCTGGGGCTGTGGACGATGGAGAGCACTCCCAGAATGAGAAGATCAACAGGTGGAACACATACAAGG  
 GTCGAAATTATTCGCTGCCTTTTCTGGAGTTGTCAAAGCTTCACTCAGGACAGCAGGTGCCTCCGGA  
 GCATTCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001007687

**Insert Size:** 1479 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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>	<u>NM_001007687.1, NP_001007688.1</u>
<b>RefSeq Size:</b>	2675 bp
<b>RefSeq ORF:</b>	1479 bp
<b>Locus ID:</b>	307212
<b>UniProt ID:</b>	<u>Q66HG3</u>
<b>Cytogenetics:</b>	18q12.3