

## Product datasheet for RN203607

### Cpa1 (NM\_016998) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cpa1 (NM_016998) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpa1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203607 representing NM_016998 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGAGACTACTGATTCTGAGTCTGCTGCTGGAAGCAGTCTGTGGCAATGAGAACTTTGTGGGACACC  
AGGTTCTCCGAATCTCTGCAGCCGATGAAGCCCAGGTGCAGAAAGTGAAGGAGTTGGAGGACCTGGAGCA  
CTTGCAGTTGGACTTCTGGCGGGACGCTGCCGGGCGGTATCCCCATTGATGTCAGAGTGCCCTTCCCC  
AGCATCCAATCTGTGAAAGCATTCTTGAATATCATGGTATTAGCTATGAGATCATGATTGAAGATGTGC  
AGTTACTGCTCGATGAGGAGAAACAGCAGATGTCTGCCCTCCAGGCCAGGGCCTTGTCCACTGACTCTTT  
CAATTATGCCACCTATCATACGCTGGATGAGATCTACGAATTCATGGACCTGCTGGTGGCTGAGCACCCA  
CAGCTTGTGAGCAAGATCCAGATCGGCAACACCTTTGAAGGTCGCCCCATCCATGTGCTGAAGTTCAGCA  
CTGGAGGGACCAATCGCCAGCAATCTGGATCGACACTGGCATCCATTCTAGGGAGTGGGTACCCAGGC  
TAGTGGGGTCTGGTTTGCAAAGAAGATCACAAAGACTATGGCCAGGACCCACCTTACAGCCGTTCTT  
GACAACATGGACATCTTCTGGAGATTGTACCAACCCTGATGGTTTTGCCTACACCCACAAAACGAATC  
GCATGTGGCGAAGACTCGATCACACCCAGGGCTCCCTCTGTGTTGGTGTGGACCCCAACAGGAAGT  
GGACGCTGGCTTTGGGATGGCCGGAGCAAGTAGCAACCCTGCTCGAAACTTACCGAGGCAAATTTCCC  
AACTCTGAGGTGGAGTCAAGTCCATCGTGACTTTGTGACGAGCCATGGGAACATCAAGGCCTTACAT  
CCATCCACAGCTATCCAGCTCCTGCTACCCCTACGGCTACACGTCCGAACAGCCCTGACCAGGC  
AGAGCTGGATCAGCTAGCTAAGTCTGCTGTGACAGCCTTGACGTCTACACGGGACCAAGTTCAAGTAT  
GGCAGCATCATCGATAAATCTATCAAGCCAGTGGGAGCACTATCGATTGGACCTACAGCCAGGGCATCA  
AGTACTCTTTCACTTTTGAAGTGAAGGACACTGGGCTTAGAGGATTCTGCTGCCTGCCAGATCAT  
CCCTACGGCGGAGGAGACATGGCTGGCCCTTTGACCATCATGGACCACACAGTCAAACACCCCTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_016998
<b>Insert Size:</b>	1260 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>	<u><a href="#">NM_016998.3</a></u> , <u><a href="#">NP_058694.2</a></u>
<b>RefSeq Size:</b>	1633 bp
<b>RefSeq ORF:</b>	1260 bp
<b>Locus ID:</b>	24269
<b>UniProt ID:</b>	<u><a href="#">P00731</a></u>
<b>Cytogenetics:</b>	4q22
<b>Gene Summary:</b>	putative carboxypeptidase A protein [RGD, Feb 2006]