

Product datasheet for **RN206061**

Cpa4 (NM_001109346) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cpa4 (NM_001109346) Rat Untagged Clone
Tag: Tag Free
Symbol: Cpa4
Synonyms: RGD1563619
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206061 representing NM_001109346
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGTGGTTACTGTTCTTTGGGGCCCTTATCGGGACAGGCATCTGCGGCCGAGACAAGTTCTTTGGGG
ACCAAGTTTTTAGGATTAATGTCAGAAATGGAGACGAGATCAGGAACTGACCGAGCTAGTGAATTCGGA
CCACTTTAAGCTCAATGTCTGAAATCTCCCTCCACTTTTGATCGGCCTGTGGATATTCTCGTCCCTTCT
GTCAGCTTGCTGCCAGTCAAGTCCCTCCTGAAGTCCCAGGGTTTAGACTACTCAGTGACAATTGACAACC
TACAGGCTCTCTTAGATATTGAAGATGAAGAAATGCAACACAATGAAGGGAGAGAACGGAGTGGTGA
CAACTACGGATCTTACCATTCCCGGAGGCTATTTACCACGAGATGGACAGTATTGCCACAGACTTCCCT
GACCTGGCAAGCCGAGTGAAGATCGGAGAGACATTCGAAAAGCGGCCCATGTATGTTCTCAAGTTCAGCA
CGGGAGGAGGAGGCAAGAAACGGCCAGCCATTTGGCTGAATGCAGGCATCCATGCCCGTGAAGTGGATCTC
ACAGGCCACTGCCATCTGGACAGCAAGGAAGATTGTGACTGATTATCAGAAGGCCAGCTGTCACTCC
ATTTTAGAGAAAATGGATATTTTCTATTGCCTGTGGCCAATCCTGACGGATATGTGTACACAAAAAC
AAAACCGATTGTGGAGGAAGACACGGTCCCGAACCAGGAAGCCGCTGTATTGGAGCTGATCCAACAC
AAACTGGAATGCTAGTTTTGCAGGAGAGGGGCCAGCAATAACCCCTTGCTCTGAAGTATACCATGGCTCC
CACCCCAATTCTGAAGTGGAGGTGAAATCGGTGGTGGACTTTATTCAAAAAGCATGGGAACCTTCAAA
TCTATTGACCTGCATAGCTACTCACAGCTGCTGATGATCCCTATGGGTAAGTCAAGAAAGGCCCCAGA
TGCCGAGGAGCTGGACGATGTGGCGAGGAGTGCAGCCAAAGCCCTGGCTTCTCTCTCGGGAACCAAGTAC
CAAGTGGGACCGACTTGTACCACCGTCTATCCAGCTAGCGGGAGCAGCGTTGACTGGGCATACGACAACG
GCATCAAGTATGCTTTCACATTTGAGCTGAGAGACTGGGCACTATGGCTTCTCTTGGCCAGCCAGCCA
GATCATCCCCACTGCGGAGGAGACTGGCAAGGGCTGAAGGTCATCATGGAACACGTTAGGGACAACCTC
TACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001109346
Insert Size:	1266 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:	<ol style="list-style-type: none">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:	<u>NM_001109346.2</u> , <u>NP_001102816.1</u>
RefSeq Size:	2781 bp
RefSeq ORF:	1266 bp
Locus ID:	502736
Cytogenetics:	4q22