

Product datasheet for **RN207707**

Cpa5 (NM_001002808) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cpa5 (NM_001002808) Rat Untagged Clone
Tag: Tag Free
Symbol: Cpa5
Synonyms: MGC94525
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207707 representing NM_001002808
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGGGCACCAAGGAGGAGGCATAGGCCCTGGGCTATCCCCTGTGGACAGAAGGACACTTCTGTTCT
GCAACTTTATCCTGGCTGTAGCTTGGGGCCAAGTGAATTTACAGGAGACCAGGTTCTTCGAGTCTGGC
CAAAAATGAGAAGCAGCTGTCACCTTCTCAGGGATCTGGAGATCCAGAAGCCCCAGAAGGTGGACTTCTGG
CGTGGCCAGCCAGACCTAGCCTCCCTGTGGACATGAGAGTTCCTTCTCTGAAGTGCACAGCGTTAAAG
CTTATTTGAAGTCTCACGGCCTTGCCTACAGCGTCATGATAAAGGATATCCAGGTGCTACTGGATGAAGA
GAGAGATGCCATGGCAAGGTCCCGCAGGCTGGAACGCAGTACCAACGGCTTCAGCTATTCCTCTTATCAC
ACTCTGGAGGAGATATAAATTGGATCGACAACCTTGTAGCTGAACATTCTAATCTTGTCTCCAAAATTC
ACATTGGCAAGAGCTTTGAAAATCGGTCCATTCTTGTCTGAAGTTCAGCACTGGAGGTCCAAAATCGCAC
AGCCATCTGGATTGCACTGGGATTCATTCCCAGAGTGGATCACTCATGCCACTGGCATCTGGATCTCG
CAGAAGATTGTCAATGCATATAGCAAAGACCATGTCTTGAAAAAGTATTAACACTATGGACATTTTCA
TAGAGATTGTACCAACCCTGATGGCTTTGCCTTACTCATAGCATGAATCGCTTGTGGCGAAAAACAA
GTCAATTAACCCGGCATCGTCTGCGTTGGTGTGGACCTCAACAGGAATTGGAGGACAGGCTTCGGAGGA
AATGGTTCTAACAAAAACCCCTGCTCAGAGACTTACCGAGGGCCGGCTCCCGAGTCAGAGCCAGAGGTAG
CTGCGATTGTGGCCTTATCACGGGTACCGGAACTTCAAAGCTATGATCTCCATTACAGCTACTCTCA
GATGGTCATGTACCCGTATGGCCATTCTCTGGAGCCTGTGCCAACCATAAAGAAGTGTTCGAGCTTGGC
AAGGATGCAGTAAAGGCTCTCTACAAGGTGCACGGGATGGAGTACATTTTGGCAGCATCAGTACCACCC
TCTATTACGCCAGCGGGATCACGGTGGACTGGCTTATGACAGTGGCATCAAGTATGCCTTCAGCTTCGA
ACTCCGGGACACTGGACAATATGGTTTCTGCTCCAGCCTCACAGATTGTTCCACAGCCGAGGAGACA
TGGATGGCACTACGGACCATTATGAAACACACCCTGAATCACCCCTATTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001002808
Insert Size:	1311 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_001002808.2</u> , <u>NP_001002808.2</u>
RefSeq Size:	2100 bp
RefSeq ORF:	1311 bp
Locus ID:	408212
Cytogenetics:	4q22
Gene Summary:	may have carboxypeptidase activity [RGD, Feb 2006]