

Product datasheet for **RN213560**

Cpa3 (NM_019300) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpa3 (NM_019300) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpa3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213560 representing NM_019300 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGTCCTTCTTGCTTATGGGGTCACTATCCACACTTGCAATTGCTCCTGTTTCAGTTTGACAGGG
AGAAGGTATCCGTGTGAACTCCAGGATGAAAGCAAGCAAGTATCTTGAAGAACTTGACCCAAACCAT
TGAGCTTGACTTCTGGTATCCAGATGCTATCCATGATATTGCTGTTAATATGACTGTGGATTTCCGAGTT
ACTGAGAAGGAATCTCAGACTATCCAGTCTACCTTGGAACAACATAAAATGGACTATGAAATTCTGATAA
ATGACCTACAAGAAGAGATAGACAAACAGTTTGTATGTGAAAGAGGAAATCGCAGGCAGGCACAGTTATGC
AAAATACAATGACTGGAACAAGATTGTTTCTTGACTGAAAAAATGGTAGAAAAACATCCTGAAATGGTT
TCAAGGATTAATGGATCAACTGTTGAAGATAATCCATTATATGTTCTCAAGATTGGGAGAAAAGATG
GAGAAAGAAAGGCTATCTTTATGGACTGTGGCATCCATGCTCGTGAATGGGTTTCCCGAGCTTCTGTCA
GTGGTTTGTCTATCAGGCAGCCAAGAGTTATGGAAAAAATAAAATCATGACCAAACCTTTGGACCGGATG
AATTTTTATGTTCTGCCGTATTCAATGTAGATGGATACATTTGGTCATGGACAAAGGATCGAATGTGGA
GAAAAACCGTTCCAAGAACCAATTCACCTGCATTGGCACTGACCTCAACAGGAACCTCGATGTCTC
ATGGGACTCTTCCCAAACCCGACAACCCATGCCTCAGTGTCTACAGGGGACCTGCACCAGAGTCCGAG
AAAGAGACAAAAGCTGTCACTAACTTCATTGAAAGTCACTGAACCAATCAAGGCTTATATCACCTTCC
ATTCTACTCTCAGATGCTGTTATTTCTTATGGCTACACAATCAAACCTGCCACCAACCACCAGGACCT
GCTGAAGGTTGCGAGGATTGCCACTGATGTTCTCTCAAGTAGATGAAACCCGTATATCTACGGCCCA
ATAGCATCCAAATTTACAAGACATCAGGTTCTTCTTTAGACTGGGCTTATGACCTGGGCATCAAACACA
CATTTGCCTTTGAGCTTCGTGATAAAGGAAAATCTGGTTTCTTCTTCCAGAATCTCGGATAAAGCCAAC
ATGTAAGAAACCATGCTTCTGTCAAATTTATTGCCAAGTATATCCTCAAGCATACTTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_019300
Insert Size:	1254 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:	NM_019300.1 , NP_062173.1
RefSeq Size:	1441 bp
RefSeq ORF:	1254 bp
Locus ID:	54242
UniProt ID:	P21961
Cytogenetics:	2q24
Gene Summary:	protease expressed in mast cells [RGD, Feb 2006]