

Product datasheet for **RN210133**

Cmas (NM_001009419) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cmas (NM_001009419) Rat Untagged Clone
Tag: Tag Free
Symbol: Cmas
Synonyms: MGC105806
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210133 representing NM_001009419
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACGCGCTGGAGAAGGGGGCCGCCACGTGGGGCCCGCCCGCGCGGACGGCCGTCCCGGGGCCGGC
CCCCGAAGCTACAGCGCAGCCGGGGCGCGGGGCGAGGCCCTAGAGAAGCCCGCACCTGGCAGCGCTGGT
GCTGGCCCGCGGGCAGCAAAGGCATCCCACTGAAGAACATCAAGCGCCTGGCGGGGTCCCGCTCATT
GGCTGGGTCTGCGCGCAGCCCTGGACGCGGGTGTCTTCCAGAGTGTGTGGGTTTCAACAGACCATGATG
AAATTGAGAACGTGGCCAAACAGTTTGGTGCCAGGTTACCCGAAGAAGTTCTGAAACGTCCAAAGACAG
CTCTACCTCACTAGATGCCATCGTAGAATTCCTGAACTATCACAATGAGGTTGACATTGTGGAAATATC
CAAGCTACATCTCCATGTTTACATCCCACGGACCTCCAGAAAGTTGCAGAAATGATCCGAGAAGAAGGAT
ATGACTCTGTCTTCTCCGTTGTGAGGCGCCATCAGTTTCGATGGAGTGAAATTCAGAAAGGAGTTCGTGA
AGTGACCGAGCCTCTCAACCTGAACCCAGCTAAGCGGCCCTCGTCGACAGGACTGGGATGGAGAGCTGTAC
GAAAACGGCTCGTTCTACTTTGCTAAGAGACACTTGATAGAGATGGCTACTTACAGGGTGGGAAAAATGG
CATATTATGAAATGCGAGCTGAGCACAGTGTGGACATAGACGTGGACATCGATTGGCCGATCGCAGAGCA
AAGAGTTCTGAGATTTGGCTATTTTGGGAAAGAGAAGCTGAAGGAGATAAAGCTTTTGGTGTGTAATATT
GATGGATGTCTACCAATGGTCACATTTACGTATCAGGAGACCAAAAAGAAATAATATCTTACGATGTGA
AAGACGCTATTGGCATAAGTTTACTAAAGAAAAGTGGCATTGAGGTGAGGCTCATCTCAGAAAGGCCTG
CTCCAAGCAGACGCTCTCCGCTTAAAGCTGGACTGTAACCGGAAGTCAGTGTGTGACACAAGCTGGCC
ATCGTGGATGAGTGGAGGAAGGAGATGGCCTGTGCTGGAAGAAGTGGCCTATCTCGGCAATGAGGTGT
CCGATGAGGAGTGTCTGAAGAGAGCGGGCCTGAGCGCCGTGCCTGCTGACGCTGCTCCAGGGCCAAAA
GGCTGTGGGCTACATCTGCAAATGCAACGGGGCCGTGGAGCCATCCGGGAGTTTGCAGAACACATTTTC
CTCCTGTTAGAAAAGTTAATAACTCATGCCAAAA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001009419
Insert Size:	1299 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_001009419.1</u> , <u>NP_001009419.1</u>
RefSeq Size:	1715 bp
RefSeq ORF:	1299 bp
Locus ID:	312826
Cytogenetics:	4q44