

Product datasheet for MC201490

Cmas (NM_009908) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cmas (NM_009908) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cmas
Synonyms: AW208911; CMPNeu5Ac; D6Bwg0250e
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC031500 sequence for NM_009908
 GCGGCGTGGGAGGAAGATGGACGCGCTGGAGAAGGGGGCCGCCACGTGCGGGGCCCGCCCGTGGACGG
 CCGTCCCAGGGCCGCCCCGAAGCTGCAGCGCAGCCGGGGCGCGGGCCAGAGAAAGCCGCGC
 ACCTGGCAGCGCTGGTGCTGGCCCCGCGGGCAGCAAAGGCATCCCACTGAAGAACATCAAGCGCCTGGC
 GGGGGTCCGCTCATTGGCTGGGTCCTGCGCGCCGCCCTGGATGCGGGGTCTTCCAGAGTGTGTGGTT
 TCAACAGACCATGATGAAATTGAGAATGTGGCCAAACAGTTTGGTGCACAGGTCCATCGAAGAAGTCTG
 AAACGTCCAAAGACAGCTCTACCTCACTAGACGCCATTGTAGAATTCCTGAATTACACAATGAGGTTGA
 CATTGTGGGAATATCCAAGCCACATCTCCATGTTTACATCCCACTGACCTCCAGAAAGTGCAGAAATG
 ATCCGAGAAGAAGGATATGACTGTCTTCTCCGTTGTGAGGCGCCATCAGTTTCGATGGAGTGAATTC
 AGAAAGGAGTTTCGTGAAGTGACTGAGCCTGAACTTGAATCCAGCGAAACGGCCTCGTCGACAAGACTG
 GGATGGAGAGTTATATGAGAACGGCTCATTTTATTTGCTAAAAGACATTTGATAGAGATGGGTTACTTA
 CAGGGTGGGAAAATGGCGTATTATGAAATGCGAGCTGAGCACAGTGTGGATATCGACGTGGACATCGATT
 GGCCGATCGCAGAGCAAAGAGTTCTGAGATTTGGCTATTTTGGAAAAGAGAGCTGAAGGAGATAAAGCT
 TTTGGTTTGAATATTGATGGATGTCTACCAATGGCCACATTTATGTATCAGGAGACAAAAAGAAATA
 ATATCTTATGATGTAAGAGCGCTATTGGCATAAGTTTATTAAGAAAAGCGGTATTGAGGTGAGGCTCA
 TCTCAGAACGGGCTGCTCCAAGCAGACGCTCTCCGCCCTAAAGCTGGACTGTAAAACAGAAGTCAGTGT
 GTCCGATAAGCTGGCCACCGTGGATGAGTGGAGGAAGGAGATGGGCTGTGCTGGAAAGAAGTGGCCTAT
 CTCGGCAATGAAGTGTCTGATGAAGAATGCCTGAAGAGAGTGGGCTGAGCGCTGTTCTGCCGACGCT
 GCTCCGGGGCCCAAGAGGCTGTGGGTACATCTGCAAATGCAGCGGTGGCCGGGGAGCCATCCCGAGTT
 TGCAGAGCACATTTTCTACTGATAGAAAAAGTTAATAACTCATGCCAAAATAGAAAATGTTGTAGTGT
 GGGGGGAAGGGAGATTGAAGCCTTTTCCAGCCATTTTGCATTGTTTTGATCAAGTCCCAGAGTGAATC
 TGCAGGTGTGGTCTGATCCGTGAGGTAGTTCTCTATTCTCAAAGCTGAGTTTTCTCCAATCATGGTTC
 CTGAACCCATGACATAATCATGTCTGTTTTCTCTTGTGCAAGGTAATTACTGAGGGATTGACCTAGTC
 TTGCTCCGACCTATAAACAATCCACTCTGTATTGTGCCCTGTCAAAGTGTGTGTGGTGAATGAT
 GCTGGGATTTTATTTATGTAAGCAATGAGTCTGGTAAGACACCCTGTGTTAATAAAGTTACCGTTCC
 CCGAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_009908
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:	BC031500 , AAH31500
RefSeq Size:	1728 bp
RefSeq ORF:	1299 bp
Locus ID:	12764
UniProt ID:	Q99KK2
Cytogenetics:	6 74.66 cM
Gene Summary:	Catalyzes the activation of N-acetylneuraminic acid (NeuNAc) to cytidine 5'-monophosphate N-acetylneuraminic acid (CMP-NeuNAc), a substrate required for the addition of sialic acid. Has some activity toward NeuNAc, N-glycolylneuraminic acid (Neu5Gc) or 2-keto-3-deoxy-D-glycero-D-galacto-nononic acid (KDN).[UniProtKB/Swiss-Prot Function]