

Product datasheet for MC201080

Cs (NM_026444) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cs (NM_026444) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cs
Synonyms:	2610511A05Rik; 9030605P22Rik; ah; Ahl4; BB234005; C; Cis
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013554 sequence for NM_026444
 GCCGGTTGGCGGGTCTCCATCACAGCGCGACCGCTCCTGTTGCAGCTGTAGCTCTCCCTTCGGTCC
 CTTCCCGCCAGGTCCCGAGTTTCGCCCCCATGGCTCTACTCACTGCAGCAACCCGGCTCTGGGAGCC
 AAGAACTCATCTGCCTGCTCCTTGTGCTGCCGGCATGCCAGTGCTTCTCCACGAATTTGAAAGATGTAC
 TGAGCAATCTGATACCTAAGGAGCAGGCCAGAATTAAGACCTTCAAGCAGCAACATGGGAAGACAGTGGT
 GGGCCAGATCACTGTGGACATGATGTACGGTGGCATGAGAGGCATGAAGGGACTTGTGTATGAGACTTCG
 GTTCTTGATCCTGACGAGGGCATCCGTTTCCGAGGCTACAGTATCCCTGAGTGCCAGAAAATGCTGCCTA
 AGGCTAAGGGTGGAGAAGAACCCTGCCTGAGGGCTTATTTGGCTGCTGGTAACGGACAGATGCCAC
 AGAGGAACAGGTGCTTGGCTCTCAGGAAATGGGCAAAAAGGGCAGCTCTGCCTTCTCATGTGGTCACC
 ATGCTGGACAATTTCCAACCAATCTGCACCCTATGTCTCAGCTCAGTGCAGCCATCACAGCCCTCAACA
 GTGAAAGCAACTTCGCCCGGCATATGCAGAGGAATGAACCGAGCTAAGTACTGGGAGCTCATCTATGA
 GGACTGCATGGACCTCATTGCCAAGCTGCCGTGCGTTGCAGCCAAGATCTACCGAATCTGTACCGGGAG
 GGCAGCAGTATCGGAGCCATTGACTCTAGGCTAGACTGGTCACACAATTTTACCAACATGTTAGGCTACA
 CCGACCCTCAGTTCACCGAGCTCATGCGTTTGTACCTCACCATCCATAGTGACCATGAGGGTGGTAATGT
 AAGTGCCACACAAGCCATTTGGTGGCAGCGCCCTTTCAGACCCTTACCTGTCTTTCAGCAGCCATG
 AATGGGCTGGCGGGGCTCTACATGGACTAGCAAAATCAGGAGGTGCTTGTCTGGCTGACACAGCTACAGA
 AGGAAGTTGGCAAAGACGTGTGAGATGAGAAGTACGAGACTACATCTGGAACACACTCAATTTCAGGACG
 GGTGGTCCCAGGATACGGTATGAGTACTGAGGAAGACTGACCCTCGCTATTCTGTGAGGAGAGTTT
 GCTCTGAAACATCTGCCTAAAGATCCCATGTTCAAGCTGGTGGCTCAGCTGTACAAGATTGTGCCAATA
 TCCTCTTAGCAAGGAAGGCTAAGAACCCTTGGCCCAACGTAGACGCTCACAGTGGGGTCTGTCTCCA
 GTACTATGGCATGACGGAGATGAACTACTACACAGTCTGTTTGGAGTGTCTCGGGCACTGGGTGTGCTA
 GCCCAGCTCATCTGGAGCAGAGCCCTAGGCTTCCCCCTGGAAAGGCCAAGTCCATGAGCACGGATGGCC
 TGATGAAGTTTGTGGACTCTAAGTAAGGGTAAAAATGGGAGACTGGGGGAAACTGACTATAAGAAAAACGA
 GGAAGCTTAAAAATAAAGTGAATTTTGTGTTTTCAGGGCCCTTAAGACTTAAGATTAAGTATC
 TGAGGCACTGAAAATATATTTGAAGTAAAATATAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_026444
Insert Size:	1395 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:	BC013554 , AAH13554
RefSeq Size:	1659 bp
RefSeq ORF:	1395 bp
Locus ID:	12974
UniProt ID:	Q9CZU6
Cytogenetics:	10 D3
Gene Summary:	The protein encoded by this gene is a central metabolic pathway enzyme, catalyzing the first step of the tricarboxylic acid cycle in which acetyl coenzyme A and oxaloacetate are converted to citrate and coenzyme A. This enzyme is found in nearly all cells capable of oxidative metabolism. This protein is nuclear encoded and transported into the mitochondrial matrix, where the mature form is found. [provided by RefSeq, Jul 2016]