

Product datasheet for MC215213

Mcidas (NM_001037914) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mcidas (NM_001037914) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mcidas
Synonyms: EG622408; Gm6320; Idas; Mci; Mcin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215213 representing NM_001037914
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCAAGCGTGCAGGGCAGCGCAGCCGGACGCCGGCCCTTCGACAGCATCTGCCCAACAGGATGCTGG
 ACCTGTGCGGGCGGACCCTCGCAAGCCCGGAAGCCGGAGAGGAAGTTCGTTCCCTTCGTGGAAGTCCTT
 TTCGGGATGCGGTGGCGGCAGCCGGTGGCGGTGTACGAGACCTCCGGACGCAGAGCCGCCCCACTG
 CCAGCTCTCACAACCATAGACCTGCAGGACCTCGCCGACTGCACCTCGCTGCTCGGAACCGAAGCGTCTC
 CTAGTGGTGATTCTCCGCGTCGCAGAACCCTCCTTGCAAACCTGAAGAAGACTTCAACCTGCAGAAATT
 CAGAGATGCAATGGATGACCTCATTGCAGATTCATCCTCTTTGATGTCGCCTCCCTGACCAACAGTGAC
 TTTCCCTTTCCCTTGTGATGTTTCGTCTTCGGGTCCTGCCTCTCCCATCGCTGGACCCACCTGCCT
 TGGGGTCTCCAGACCTGCCGCCACCACCAACGGAGCAGTACTGGAAGGAGGTGGCTGACCAGAACCAGAG
 GGCCTGCTCCGGGAGAGAACGTGCAGCTGAAAGAACTCGCCAGCCGGACCCGGCACCTGGCCTCAGTGC
 TGGATAAGCTGATGATCACGCAGTCTCCTGCCGAGCCCTCCAGATCAAGGCAACAACGAAAAGGACCT
 GGAGGAGCTGTTCTGTGCTGCGGGCAAGCAGGGCAGGGTTGCGGGAAGTGGACGCCATCCTCAGAGAC
 ATCTCCAGCGCTGCGAGGAAGCCCTGCACAATCGTGACCCTAAGCGGCCAGGCTGCAGCCAGAGCCAG
 ACAGCAAGGACTGCAGCTCCAGGAACCTCCACGGCCTTCCGAGGACTGCGCACCGACTGCAGCGCCAG
 CTCGGTGAATCTGAGTCACAGTGAGCTGGAGGAAGCGGCTCCTCAGCACGCCCATCCGAGCCACAGT
 ACCATCCGACCCCTGGCTTTCCCCAGGGCAAAGCCTTACCATCCGGACAGTACCAGGTGGTTACAAT
 TCCGCTGGTCCCGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001037914
Insert Size:	1140 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_001037914.3</u> , <u>NP_001033003.1</u>
RefSeq Size:	2354 bp
RefSeq ORF:	1140 bp
Locus ID:	622408
UniProt ID:	<u>Q3UZ45</u>
Cytogenetics:	13
Gene Summary:	Transcription regulator specifically required for multiciliate cell differentiation. Acts in a multiprotein complex containing E2F4 and E2F5 that binds and activates genes required for centriole biogenesis. Required for the deuterosome-mediated acentriolar pathway. Plays a role in mitotic cell cycle progression by promoting cell cycle exit. Modulates GMNN activity by reducing its affinity for CDT1.[UniProtKB/Swiss-Prot Function]