

Product datasheet for **RG201381**

MCPIP1 (ZC3H12A) (NM_025079) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MCPIP1 (ZC3H12A) (NM_025079) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MCPIP1
Synonyms:	dj423B22.1; MCPIP; MCPIP-1; MCPIP1; Reg1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG201381 representing NM_025079
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGGCCCTGTGGAGAGAAGCCTGTCTGGAAGCCAGCCCACCATGAGTCTGTGGGAATTTGAGG
 ACAGCCACAGCCGTCAGGGCACCCCAAGGCCGGGTCAAGAGCTGGCCGCTGAGGAGGCCTCGGCCCTGGA
 ACTGCAGATGAAGGTGGACTTCTTCGGGAAGCTGGGCTATTCATCCACGGAGATCCACAGCGTCCTGCAG
 AAGCTGGGCGTCCAGGCAGACACCAACACGGTGTGGGTGAGCTGGTGAACACGGGACAGCCACCGAGC
 GGGAGCGCCAGACCTCACCGGACCCCTGCCCTCAGCTCCCTCTAGTCCCGCGGGGTGGTGGCACCCCTAA
 GGCTCCCAACCTGGAGCCTCCACTCCCAGAAGAGGAAAAGGAGGGCAGCGACCTGAGACCAGTGGTCATC
 GATGGGAGCAACGTGGCCATGAGCCATGGGAACAAGGAGGTCTTCTCCTGCCGGGCATCCTGCTGGCAG
 TGAAGTGGTTTCTGGAGCGGGCCACACAGACATCACAGTGTGGTCCATCCTGGAGGAAGGAGCAGCC
 TCGGCCCGACGTGCCATCACAGACCAGACATCCTGCGGGAACGGAGAAGAAGAAGATCCTGGTGTTC
 ACACCATCACGACGCGTGGGTGGCAAGCGGGTGGTGTGCTATGACGACAGATTCATTGTGAAGCTGGCCT
 ACGAGTCTGACGGGATCGTGGTTTCCAACGACACATACCGTGACCTCAAAGGCGAGCGGCAGGAGTGGAA
 GCGCTTATCGAGGAGCGGCTGCTCATGTACTCCTTCGTCATGACAAGTTTATGCCCCCTGATGACCCA
 CTGGGCCCGGCACGGGCCAGCCTGGACAACCTCCTGCGTAAGAAGCCACTCACTTTGGAGCACAGGAAGC
 AGCCGTGTCCCTATGGAAGGAAATGCACCTATGGGATCAAGTGGCGATTCTTCCACCCAGAGCGGCCAAG
 CTGCCCCAGCGCTCTGTGGCAGATGAGCTCCGTGCCAATGCTCTCCTCTACCCCCAGAGCCCAAGC
 AAGGACAAAAATGGCCGGCGCCCTCACCTTATCCCAGTCCAGCTCTCTGCTAACAGAGAGTGAGCAGT
 GCACCGCTGGATGGGAAGAAGCTGGGGGCCAGGCATCCCAGGGTCCCGCCAAGAGGGTCAACACAGAC
 CTATGCCCATCAGGCAGGAGCCTCGACCTAGCGGGGGCAGTGGCAGCAGCTTTGGGCCACAGACTGG
 CTTCCACAGACGCTGGACTCACTCCCGTACGTCTCCAGGATTGCCTGGACTCGGGCATTGGCTCCCTGG
 AGAGCCAGATGTCGGAACCTTGGGGGGTTCGAGGAGGAGGCCCTGGTGGAGCCGGGCCACCCGAGCCCC
 TTACACGGGCTACAGTCCCTATGGATCTGAGCTCCAGCCACCGCAGCCTTCTCTGCCTTTGGCCGGCC
 ATGGGTGTGGCCACTTCACTGTCCCTGCCGACTACCCACCCGCGCCCTGCCTTTCCACCTCGAGAGT
 ACTGGTCTGAACCATAACCACTGCCCCACCCACATCAGTCTTCCAGGAGCCCCAGTGCAGAGCCAGG
 GGCTGGCAGGAGCCCGTGGGGCAGGCAGACAGCCTGGCCAAGGAGCAGGCCAGCGTGTATACTAAGCTG
 TGTGGTGTGTTTCCCCGCACCTGGTGGAGGCTGTGATGGGGCGCTTCCACAGCTCCTGGACCCCCAGC
 AGCTGGCTGCCGAGATCCTCTCTACAAGTCCCAGCACCCAGTGAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG201381 representing NM_025079
 Red=Cloning site Green=Tags(s)

MSGPCGEKPVLEASPTMSLWEFEDSHSRQGTTPRPGQELAAEEASALELQMKVDFFRKLGYSSTEIHSV
 LKLGVQADTNTVLGELVKHGTATERERQTSPPDPCQLPLVPRGGTPKAPNLEPPLPEEKEGSDLRPVVI
 DGSNVAMSHGNKEVFSCRGILLAVNWFLEHGHTDITVFPVSWRKEQPRPDVPIITDQHILRELEKKILV
 TPSRRVGGKRVVYDDRFIVKLAYESDGI VVSNDTYRDLQGERQEWKRFIEERLLMYSFVNDKFMPPDDP
 LGRHGPSLDNFLRKKPLTLEHRKQPCPYGRKCTYGIKCRFFHPERPSCPQRVAVDELARANALLSPPRAPS
 KDKNGRRPSPSSQSSLLTESEQSLDGKKGQAQSPGSRQEGLTQTYAPSGRSLAPSGGSGSSFGPTDW
 LPQTLDSLPHYVSQDCLDSGIGSLESQMSLEWVVRGGGPGEPGPPRAPHYTYSPYGSSELPATAAFSAFGR
 MAGAGHSVPADYPPAPPAPFPREYWSEYPLPPPTSVLQEPVQSPGAGRSPWGRADSLAKEQASVYTKL
 CGVFPPLVAVMGRFPQLLDPQQLAAEILSYKSQHPSE

SGPTRRRLE - GFP Tag - V

Restriction Sites:

Sgfl-RsrII

Gene Summary:

ZC3H12A is an MCP1 (CCL2; MIM 158105)-induced protein that acts as a transcriptional activator and causes cell death of cardiomyocytes, possibly via induction of genes associated with apoptosis.[supplied by OMIM, Mar 2008]