

# Recombinant Human ZC3H12A Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** ZC3H12A-5819H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | ZC3H12A MS Standard C13 and N15-labeled recombinant protein (NP_079355) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | ZC3H12A is an MCP1 (CCL2)-induced protein that acts as a transcriptional activator and causes cell death of cardiomyocytes, possibly via induction of genes associated with apoptosis.                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Molecular Mass</b>   | 65.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>MSGPCGEKPVLEASPTMSLWEFEDSHSRQGTTPRPGQELAAEEASALELQMKVDFF<br/> RKLGYSSSTEIHSVQLKLGVQADTNTVLGELVKHGTATERERQTSPDPCPQLPLVPR<br/> GGGTPKAPNLEPPLPEEEKEGSDLRPVVIDGSNVAMSHGNKEVFSCRGILLAVNWF<br/> LERGHTDITVFVPSWRKEQPRPDVPITDQHILRELEKKKILVFTPSRRVGGKRVCYD<br/> DRFIVKLAYESDGIVVSNNTYRDLQGERQEWKRFIEERLLMYSFVNDKFMPPDDPLG<br/> RHGPSLDNFLRKKPLTLEHRKQPCPYGRKCTYGIKCRFFHPERPSCPQRSVADEL<br/> ANALLSPPRAPSKDKNGRRPSPSSQSSSLTSESEQCSLDGKKLGAQASPGSRQEGL<br/> TQTYAPSGRSLAPSGGSGSSFGPTDWLPQTLDSLPHYVSQDCLDSGIGSLESQMSEL<br/> WGVRRGGGPGEPGPPRAPHYTGYSPIYSELPAFAAFSAFGRAMGAGHFSVPADYPP<br/> APPAPPPREYWSEPYPLPPPTSVLQEPVQSPGAGRSPWGRADSLAKEQASVYTK</p> |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
|                       | LCGVFPPhLVEAVMGRFPQLLDPQQLAAEILSYKSQHPSESGPTRTRRLEQKLISEE<br>DLAANDILDYKDDDDKV             |
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ZC3H12A zinc finger CCCH-type containing 12A [ Homo sapiens (human) ]                                                                                                                                                                                  |
| <b>Official Symbol</b> | ZC3H12A                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | ZC3H12A; zinc finger CCCH-type containing 12A; ribonuclease ZC3H12A; FLJ23231; MCP induced protein 1; MCPIP1; MCP-induced protein 1; MCP-1 treatment-induced protein; zinc finger CCCH domain-containing protein 12A; MCPIP; dJ423B22.1; RP3-423B22.1; |
| <b>Gene ID</b>         | 80149                                                                                                                                                                                                                                                  |
| <b>mRNA Refseq</b>     | NM_025079                                                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_079355                                                                                                                                                                                                                                              |

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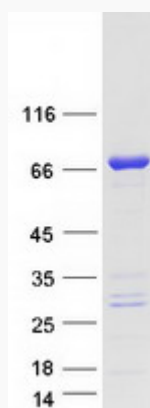
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MIM 610562

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SDS-PAGE



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