

Recombinant Full Length Human ZC3H12A Protein, C-Flag-tagged

Cat. No. ZC3H12A-29HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ZC3H12A Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	ZC3H12A is an MCP1-induced protein that acts as a transcriptional activator and causes cell death of cardiomyocytes, possibly via induction of genes associated with apoptosis.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65.5 kDa
AA Sequence	MSGPCGEKPVLEASPTMSLWFEEDSHSRQGTTPRPGQELAAEEASALELQMKVDFFRKLGYSSTEIHSVLQ KLG VQADTNTVLGELVKHGTATERERQTSPDPCPQLPLVPRGGGTPKAPNLEPPLPEEEKEGSDLRPVVI DGSNVAMSHGNKEVFSCRGILLAVNWF LERGHTDITVFVPSWRKEQPRPDVPITDQHILRELEKKKILVF TPSRRVGGKRVVCYDDR FIVK LAYESDGIVVSNDTYRDLQGERQEWKRFIEERLLMYSFVNDKFMPPDDP LGRHGPSLDNFLRKKPLTLEHRKQPCPYGRKCTYGIKCRFFHPERPSCPQRSVADELRANALLSPPRAPS KDKNGRRPSPSSQSSSLT ESEQSLDGKKLGAQASPGSRQ EGLTQTYAPSGRSLAPSGGSGSSFGPTDW LPQTLDSL PYVSQDCLDSGIGSLESQ MSELWGVRRGGGPGEPGPPRAPYTGYSPLYGSELPATAAFSAFGRA MGAGHFSVPA

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DYPPAPPAFPPREYWSEPYPLPPPTSVLQEPPVQSPGAGRSPWGRADSLAKEQAS
 VYTKL
 CGVFPPHLVEAVMGRFPQLLDPQQLAAEILSYKSQHPSESGPTRTRRLEQKLISEED
 LAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	ZC3H12A zinc finger CCCH-type containing 12A [Homo sapiens (human)]
Official Symbol	ZC3H12A
Synonyms	Reg1; MCPIP; MCPIP1; MCPIP-1; dJ423B22.1
Gene ID	80149
mRNA Refseq	NM_025079.3

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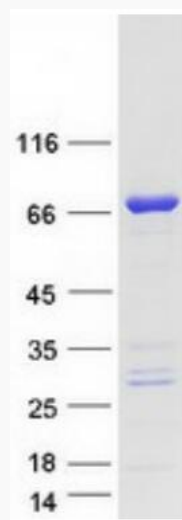
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Protein Refseq NP_079355.2

MIM 610562

UniProt ID Q5D1E8



Coomassie blue staining of purified ZC3H12A protein.

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