

Recombinant Human ZC3H12A protein, Myc/His-tagged

Cat. No. ZC3H12A-45H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZC3H12A(1-599 aa) fused with Myc tag at C-terminal and His tag at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-599 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
AA Sequence	MSGPCGEKPV LEASPTMSLW EFEDSHSRQG TPRPGQELAA EEASALELQM KVDFFRKLG Y SSTEIHSVLQ KLG VQADTNT VLGELVKHGT ATERERQTSP DPCPQLPLVP RGGGTPKAPN LEPLPEEEK EGSDLRPVVI DGSNVAMSHG NKEVFSCRG I LLAVNWFLER GHDTITVFVP SWRKEQPRPD VPITDQHILR ELEKKKILVF TPSRRVGGKR VVCYDDRIV KLAYESDGIV VSNDTYRDLQ GERQEWKRFI EERLLMYSFV NDKFMPPDDP LGRHGPSLDN FLRKKPLTLE HRKQPCPYGR KCTYGIKCRF FHPERPSCPQ RSVADELRAN ALLSPPRAPS KDKNGRRPSP SSQSSSLTE SEQCSLDGKK LGAQASPGSR QEGLTQTYAP SGRSLAPSGG SGSSFGPTDW LPQTLDSL PY VSQDCLDSGI GSLESQMSEL WGVRRGGPGE PGPPRAPYTG YSPYGSELPA TAAFSAFGRA MGAGHFSVPA

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DYPPAPPAFP PREYWSEPYP LPPPTSVLQE PPVQSPGAGR SPWGRAGSLA
KEQASVYTKL CGVFPPHLVE AVMGRFPQLL DPQQLAAEIL SYKSQHPSE

Purity >90% (SDS-PAGE)

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.
Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade.
The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

GENE INFORMATION

Gene Name ZC3H12A zinc finger CCCH-type containing 12A [Homo sapiens]

Official Symbol ZC3H12A

Synonyms ZC3H12A; zinc finger CCCH-type containing 12A; ribonuclease ZC3H12A; FLJ23231; MCP induced protein 1; MCP1P1; MCP-induced protein 1; MCP-1 treatment-induced protein; zinc finger CCCH domain-containing protein 12A; MCP1P; dJ423B22.1; RP3-423B22.1;

Gene ID 80149

mRNA Refseq NM_025079

Protein Refseq NP_079355

MIM 610562

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UniProt ID	Q5D1E8
Chromosome Location	1p34.3
Function	endonuclease activity; hydrolase activity; metal ion binding; protein binding;

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