

Recombinant Human RC3H1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RC3H1-624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RC3H1 MS Standard C13 and N15-labeled recombinant protein (NP_742068) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein containing RING-type and C3H1-type zinc finger motifs. The encoded protein recognizes and binds to a constitutive decay element (CDE) in the 3' UTR of mRNAs, leading to mRNA deadenylation and degradation. Alternative splicing results in multiple transcript variants.
Molecular Mass	125.6 kDa
AA Sequence	MPVQAPQWTDLSCPICTQTFDETIRKPISLGCGHTVCKMCLNKLHRKACPFQDTTI NTDIELLPVNSALLQLVGAQVPEQQPITLCSGVEDTKHYEEAKKCV EELALYLKPLSS ARGVGLNSTTQSVLSRPMQRKLVTLVHCQLVEEEGRIRAMRAARSLGERTVTELILQ HQNPQQLSSNLWAAVRARGCQFLGPAMQEEALKLVLLALEDGSALS RKVLVLFVVQ RLEPRFPQASKTSIGHVVQLLYRASC FKVTKRDEDSSLMQLKEEFRTYEALRREHDS QIVQIAMEAGLRIAPDQWSSLLYGDQSHKSHMQSIIDKLQTPASFAQSVQELTIALQR TGDPANLNRLRPHLELLANIDPSPDAPPPTWEQLENGLVAVRTVVHGLVDYIQNH SK KGADQQQPPQH SKYKTYMCRDMKQ RGGCPRGASCTFAHSQEELEKFRKMNKRLV PRRPLSASLGQLNEVGLPSAAILPDEGAVDLPSRKPPALPNGIVSTGNTVTQLIPRG T

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DPSYDSSLKPGKIDHLSSSAPGSPPDLLESVPKISALPVNPHSIPPRGPADLPPMPV
 TKPLQMVPRGSQLYPAQQTVDVYYQDPRGAAPPFEPAPYQQGMYTTPPPQCVSFR
 VRPPPSAPEPAPPYLDHYPPYLQERVVNSQYGTQPQQYPPYPSHYDGRRVYPAPS
 YTREEIFRESPIPIEIPPAAVPSYVPESRERYQQIESYYPVAPHPTQIRPSYLREPPYS
 RLPPPPQPHPSLDELHRRRKEIMAQLEERKVISPPPFAPSPTLPPTFHPEEFLDEDLK
 VAGKYKGNDSYQSPWSCDTIGSYIGTKDAKPKDVVAAGSVEMMNVESKGMRDQR
 LDLQRRAAETSDDDLIPFGDRPTVSRFGAISRTSKTIYQGAGPMQAMAPQGAPTKSI
 NISDYSPTYGTHGGWGASPYSPHQNIPSQGHFSEMERISMSEVASHGKPLPSAEREQ
 LRLELQQLNHQISQQTQLRGLAVSNRLVLQREANTLAGQSQPPPPPPPKWPGMIS
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 DLTLTFSQVDPNGSALTQENISLLSNKTSSLNLSEDPEGGGDNNDSSQSGVTPSSAPT
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RC3H1 ring finger and CCCH-type domains 1 [Homo sapiens (human)]

Official Symbol RC3H1

Synonyms RC3H1; ring finger and CCCH-type domains 1; ring finger and CCCH type zinc finger

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domains 1; roquin; KIAA2025; KIAA2025 protein; RNF198; RP5 1198E17.5; RING finger protein 198; RING finger and C3H zinc finger protein 1; ring finger and CCCH-type zinc finger domains 1; ROQUIN; RP5-1198E17.5;

Gene ID [149041](#)

mRNA Refseq [NM_172071](#)

Protein Refseq [NP_742068](#)

MIM [609424](#)

UniProt ID [Q5TC82](#)

SDS-PAGE

