

# Recombinant Human ZC3H8 protein, His-tagged

**Cat. No.** ZC3H8-104H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ZC3H8 protein(1-167 aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-167 aa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole. |
| <b>AASequence</b>       | MDFENLFSKPPNPALGKTATDSDERIDDEIDTEVEETQEEKIKLECEQIPKKFRHSAIS<br>PKSSLHRKSRSKDYDVYSDNDICSQESEDNFAKELQQYIQAREMANAAQPEESTKK<br>EGVKDTPQAAKQKNKLNKAGHKNGKQKKMKRKWPGPGNKGSNALLRNSGSQE                                                                                                                                                                                              |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                       |
| <b>Reconstitution</b>   | Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25                                                                                                                                                                                                                                                                                      |

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

## GENE INFORMATION

**Gene Name** ZC3H8 zinc finger CCCH-type containing 8 [ Homo sapiens ]

**Official Symbol** ZC3H8

**Synonyms** ZC3H8; zinc finger CCCH-type containing 8; ZC3HDC8, zinc finger CCCH type domain containing 8; zinc finger CCCH domain-containing protein 8; Fliz1; zinc finger CCCH type domain containing 8; zinc finger CCCH-type domain containing 8; ZC3HDC8;

**Gene ID** 84524

**mRNA Refseq** NM\_032494

**Protein Refseq** NP\_115883

**UniProt ID** Q8N5P1

**SDS-PAGE**

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