

Recombinant Human Zinc Finger Protein 330, T7-tagged

Cat. No. ZNF330-3017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZNF330 protein was expressed with N-terminal T7-tag in <i>E. coli</i> and purified by using conventional chromatography techniques, 36.2kDa (320aa).
Species	Human
Source	<i>E. coli</i>
Description	Zinc finger protein 330 is a protein that in humans is encoded by the ZNF330 gene. ZNF330 is located in nuclear, predominantly expressed in the nucleolus. Immunolocalization of the protein in culture of mammalian cells indicates an association with the interphase nucleolus and a transient relocation to the mitotic centromeres and the midbody. In mitosis, it is associated with centromeres and concentrated at the midbody in cytokinesis. It contains 4 C4-type zinc fingers. The deduced protein sequence significantly showed nine highly conserved CXXC motifs indicative of several putative zinc fingers. ZNF330 is translocated from the mitochondria to the cytoplasm when apoptosis is induced and that it contributes to cytochrome c release. ZNF330 was immunologically characterized as a new human autoantigen, highly conserved during evolution from nematodes to humans.
Sequences of amino acids	MPKKKTGARK KAENRREREK QLRASRSTID LAKHPCNASM ECDKCQRRQK NRAFCYFCNS VQKLPICAC GGTKCMMKSS DCVIKHAGVY STGLAMVGAI CDFCEAWVCH GRKCLSTHAC ACPLTDAECV ECERGVDHGH GRIFSCSFCH NFLCEDDQFE HQASCQVLEA ETFKCVSCNR LGQHSLRCK ACFCDHTR

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KVFKQEKGKQ PPCPKCGHET QETKDLSMST RSLKFGRQTG GEEGDGASGY
 DAYWKNLSSD KYGDTSYHDE EEDEYEAEDD EEEDEGRKD SDTESSDLFT
 NLNLGRTYAS GYAHYEEQEN

Formulation 10 mM Tris pH 8.0. 0.1% Triton X-100. 0.002% NaN₃.

Purity > 95% by SDS - PAGE

GENE INFORMATION

Gene Name [ZNF330 zinc finger protein 330 \[Homo sapiens \]](#)

Synonyms HSA6591; NOA36; ZNF330; Zinc finger protein 330; Nucleolar autoantigen 36;
 Nucleolar cysteine-rich protein; OTTHUMP00000220135; OTTHUMP00000220137;
 Zinc finger autoantigen 330

Gene ID [27309](#)

mRNA Refseq [NM_014487](#)

Protein Refseq [NP_055302](#)

MIM [609550](#)

UniProt ID [Q9Y3S2](#)

**Chromosome
Location** 4q31.21

Function Protein binding; Zinc ion binding; Metal ion binding

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