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 expressedwith N-terminal T7-tag in*E.coli*and purified by using conventional chromatography techniques, 36.2kDa (320aa).
Species	Human
Source	E.coli
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 VQKLPICAQC GKTKCMMKSS DCVIKHAGVY STGLAMVGAI CDFCEAWVCH GRKCLSTHAC ACPLTDAECV ECERGVWDHG GRIFSCSFCH NFLCEDDQFE HQASCQVLEA ETFKCVSCNR LGQHSCLRCK ACFCDDHTRS

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	KVFKQEKGKQ PPCPKCGHET QETKDLSMST RSLKFGRQTG GEEGDGASGY DAYWKNLSSD KYGDTSYHDE EEDEYEAEDD EEEEDEGRKD 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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