

Recombinant Human ZNHIT1, His-tagged

Cat. No. ZNHIT1-134H Lot. No. (See product label)

SPECIFICATION

Product Overview	ZNHIT1, 1-154aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-154aa
Description	ZNHIT1 belongs to the ZNHIT1 family and contains 1 HIT-type zinc finger. The protein is induced by DNA damage and seems to play role in p53-mediated apoptosis induction. ZNHIT1 interacts with MAPK11 and MAPK14 and is component of the chromatin-remodeling SRCAP complex composed of at least SRCAP, DMAP1, RUVBL1, RUVBL2, ACTL6A, YEATS4, ACTR6 and ZNHIT1. Recombinant human ZNHIT1 protein, fused to His-tag at N-terminus, was expressed in E.coli .
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	19.9 kDa (177aa)
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMVEKKTS VRSQDPGQRR VLDRAARQRR INRQLEALEN DNFQDDPHAG LPQLGKRLPQ FDDADDTGKK KKKTRGDHFK LRFKKNFQAL LEEQNLSVAE GPNYLTACAG PPSRPQRPFC AVCGFPSPYT CVSCGARYCT VRCLGTHQET RCLKWTV
Purity	>95 % by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	ZNHIT1 zinc finger, HIT-type containing 1 [Homo sapiens]
Official Symbol	ZNHIT1
Synonyms	ZNHIT1; zinc finger, HIT-type containing 1; zinc finger protein, subfamily 4A (HIT domain containing), member 1 , zinc finger, HIT domain containing 1 , ZNFN4A1; zinc finger HIT domain-containing protein 1; CG1I; H_DJ0747G18.14; putative cyclin G1 interacting protein; p18Hamlet; p18 Hamlet; zinc finger, HIT type 1; cyclin-G1-binding protein 1; zinc finger, HIT domain containing 1; zinc finger protein subfamily 4A member 1; zinc finger protein, subfamily 4A (HIT domain containing), member 1; ZNFN4A1;
Gene ID	10467
mRNA Refseq	NM_006349
Protein Refseq	NP_006340
UniProt ID	O43257
Chromosome Location	7q22.1
Function	metal ion binding; protein binding;

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