9051 Mira Mesa Blvd, #910094
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ZNHIT1 Human

Zinc Finger HIT-Type Containing 1 Human Recombinant
RCP2618

Product Overview

Name	ZNHIT1 Human
Description	
Zinc Finger HIT-Type Containing 1 Human Recombinant	
Accession (Primary)	O43257
Synonyms	
Zinc Finger HIT-Type Containing 1, ZNHIT1, ZNFN4A1, Zinc Finger Protein, Subfamily 4A (HIT Domain Containing) Member 1, Zinc Finger HIT Domain Containing 1, Putative Cyclin G1 Interacting Protein, Cyclin-G1-Binding Protein 1, Zinc Finger Protein Subfamily 4A Member 1, P18 Hamlet, CG1I, H_DJ0747G18.14, p18Hamlet, Zinc Finger HIT Domain-Containing Protein 1, Zinc Finger HIT Type 1, CGBP1.	
Introduction	
Zinc Finger HIT-Type Containing 1 (ZNHIT1) is a member of the ZNHIT1 family and contains 1 HIT-type zinc finger. The ZNHIT1 protein is induced by DNA damage and appears to have a role in p53-mediated apoptosis induction. ZNHIT1 interacts with MAPK11 and MAPK14 and is a component of the chromatin-remodeling SRCAP complex composed of at least SRCAP, DMAP1, RUVBL1, RUVBL2, ACTL6A, YEATS4, ACTR6 and ZNHIT1. ZNHIT1 binds to NR1D2 and discharges it of its inhibitory effect on the transcription of APOC3 without affecting its DNA-binding activity.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ZNHIT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MVEKKTS VRSQDPGQRR VLDRAARQRR INRQLEALEN DNFQDDPHAG	

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LPQLGKRLPQ FDDDADTGKK KKKTRGDHFK LRFRKNFQAL LEEQNLSVAE GPNYLTACAG PPSRPQRPFC AVCGFPSPYT CVSCGARYCT VRCLGTHQET RCLKWTV.

Precautions

ZNHIT1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43257)