32-5280: Recombinant Human Zinc Finger HIT-Type Containing 1

Alternative Name : 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.

Description

Source : Escherichia Coli. ZNHIT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 177 amino acids (1-154) and having a molecular mass of 19.9kDa. ZNHIT1 is fused to a 23 amino acid His-tag at N-terminus. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	The ZNHIT1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMVEKKTS VRSQDPGQRR VLDRAARQRR INRQLEALEN DNFQDDPHAG LPQLGKRLPQ FDDDADTGKK KKKTRGDHFK LRFRKNFQAL LEEQNLSVAE GPNYLTACAG PPSRPQRPFC AVCGFPSPYT CVSCGARYCT VRCLGTHQET RCLKWTV.