

ZNHIT1, 1-154aa, Human, His tag, E.coli

Cat.NO.: TP04541

3th Edition

Synonyms:Zinc finger HIT domain-containing protein 1, Zinc finger, HIT-type containing 1, CG11, ZNFN4A1

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 Weight:19.9 kDa (177aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMVEKKTSVRSQDPGQRRVLDRAARQRRINRQLEALENDNFQDDPHAGLPQ
LGKRLPQFDDDADTGKKKKKTRGDHFKLRFKRFQALLEEQNLSVAEGPNYLTACAGPPSRPQRPFCVCGFPSP
YTCVSCGARYCTVRCLGTHQETRCLKWTV

Purity:> 95% by HPLC

Concentration:1.0 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.