



Recombinant Protein Technical Manual

Recombinant Human ZNHIT1 Protein (His Tag)

RPES2969

Product Data:

Product SKU: RPES2969

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: O43257

Protein Information:

Molecular Mass: 19.6 kDa

AP Molecular Mass: 21 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 50% Glycerol, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: inc finger HIT domain-containing protein 1; cyclin-G1-binding protein 1; zinc finger protein subfamily 4A member 1; p18 hamlet; CGBP1; ZNFN4A1; ZNHIT1

Immunogen Information:

Sequence: Met 1-Val154

Background:

ZNHIT1 belongs to the ZNHIT1 family and contains one HIT-type zinc finger. It can be phosphorylated on Thr by MAPK11 or MAPK14. ZNHIT1 is a component of the chromatin-remodeling SRCAP complex, which is composed of at least SRCAP, DMAP, RUVBL1, RUVBL2, ACTL6A, YEATS4, ACTR6 and ZNHIT1. ZNHIT1 may play a role in p53-mediated apoptosis induction.