

AR50493PU-N

Human SIAH1 (90-282, His-tag) - Purified

Alternate names:	E3 ubiquitin-protein ligase SIAH1, HUMSIAH, Seven in absentia homolog 1, Siah-1, Siah-1a
Quantity:	0.25 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	E3 ubiquitin-protein ligase SIAH1, also known as SIAH1, is a member of the seven in absentia homolog (SIAH) family. SIAH1 is a tumor suppressor protein that is expressed in intestinal epithelium and activated during apoptosis. SIAH1 contains an N-terminal RING-finger domain, which is required for proteolysis, and a cysteine-rich C-terminal domain, which regulates oligomerization and SIAH binding to target proteins. SIAH1 is known to cause indirect degradation of beta-catenin through formation of a complex with Siah-interacting protein (SIP), Skp1 and Ebi.
Uniprot ID:	Q8IUQ4
NCBI:	NP_003022
GenelD:	6477
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 40% glycerol, 1mM DTT
Description:	Recombinant human SIAH1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSVANSVLF PCKYASSGCE ITLPHTKAD HEELCEFRPY SCPCPGASCK WQGS�DAVMP HLMHQHSIT TLQGEDIVFL ATDINLPQAV DWMMQSCFG FHFMLVLEKQ EKYDGHQFF AIVQLIGTRK QAENFAYRLE LNHRRRLTW EATPRSIHEG IATAIMNSDC LVFDTIAQL FAENGLGIN VTISMC Molecular weight: 24.1 kDa (216aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Hu G., et al. (1999) Mol Cell Biol. 19: 724-732 Matsuzawa S., et al. (1998) EMBO J. 17: 2736-2747.

Pictures:

