

32-2810: SIAH1 Recombinant Protein

Alternative Name : Siah E3 ubiquitin protein ligase 1,Seven in absentia homolog 1,seven in absentia homolog 1 (Drosophila),E3 ubiquitin-protein ligase SIAH1,HUMSIAH,hSIAH1,Siah-1a,SIAH1A,EC 6.3.2.

Description

Source : E.coli. SIAH1 Human Recombinant produced in E. coli is a single polypeptide chain containing 216 amino acids (90-282) and having a molecular mass of 24.1 kDa.SIAH1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. E3 ubiquitin-protein ligase SIAH1 (SIAH1) belongs to the SIAH (seven in absentia homolog) family. SIAH1 is a tumor suppressor protein, which is expressed in intestinal epithelium and activated during apoptosis. SIAH1 is involved in ubiquitination and proteasome-mediated degradation of specific proteins. SIAH1 is comprised of an N-terminal RING-finger domain (required for proteolysis) and a cystein-rich C-terminal domain (which regulates oligomerization and SIAH binding to target proteins). SIAH1 causes indirect degradation of beta-catenin by way of creation of a complex with Siah-interacting protein (SIP), Skp1 and Ebi.

Product Info

Amount : 10 µg
Purification : Greater than 95% as determined by SDS-PAGE.
Content : The SIAH1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 40% glycerol.
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 SGLVPRGSH MGSVANSVLF PCKYASSGCE ITPHTEKAD HEELCEFRPY SCPCPGASCK WQGSLDAVMP HLMHQHSIT TLQGEDIVFL ATDINLPGAV DWVMMQSCFG FHFMLVLEKQ EKYDGHQQFF AIVQLIGTRK QAENFAYRLE LNGHRRRLTW EATPRSIHEG IATAIMNSDC LVFDTSIAQL FAENGNLGIN VTISMC.

