OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR39011PU-L Human SNIP1 (258-396, His-tag) - Purified

Alternate names: FHA domain-containing protein SNIP1, Smad nuclear-interacting protein 1

Quantity: 0.5 mg

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

Background: SNIP1 is smad nuclear interacting protein contains a forkhead-associated (FHA) domain and acts as a nuclear inhibitor of CBP/p300. This protein is an inhibitor of the TGF-beta signal transduction pathway and to be important in suppressing transcriptional activation dependent on the co-activators CBP and p300. Inhibition of NF-kappa B activity is a function of the N-terminal domain of SNIP1 and involves competition of SNIP1 and the NF-kappa B subunit, RelA/p65, for binding to p300, similar to the mechanism of inhibition of Smad signaling by SNIP1.

Uniprot ID: Q8TAD8

NCBI: NP_078976

GeneID: 79753

Species: Human

Source: E. coli

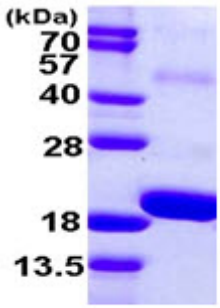
Format:
State: Liquid purified protein
Purity: >90%
Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 20% glycerol, 100mM NaCl

Description: Recombinant human SNIP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
AA Sequence:
MGSSHHHHHH SSGLVPRGSH MRWRLYPFKN DEVLPVMYIH RQSAYLLGRH RRIADIPIDH PSCSKQHAVF QYRLVEYTRA DGTVGRRVKP YIIDLGSGNG TFLNNKRIEP QRYYELKEKD VLKFGFSSRE YVLLHESSDT SEIDRKDDED EEEEEEVSDS
Molecular weight: 18.8 kDa (160aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

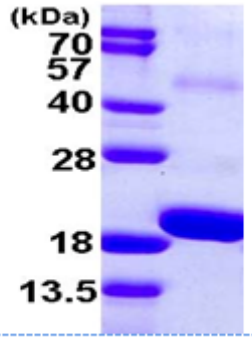
General Readings:
Kim RH, et al. (2000) Genes Dev. 14(13):1605-16.
Kim RH, et al. (2001) J Biol Chem. 276(49):46297-304.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human SNIP1, 258-396aa, His-tagged



15% SDS-PAGE (3ug)