9051 Mira Mesa Blvd, #910094
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SNIP1 Human

Smad Nuclear Interacting Protein 1 Human Recombinant
RCP2159

Product Overview

Name	SNIP1 Human
Description	
Smad Nuclear Interacting Protein 1 Human Recombinant	
Accession (Primary)	Q8TAD8
Synonyms	
Smad nuclear-interacting protein 1, FHA domain-containing protein SNIP1, SNIP1, FLJ12553, dJ423B22.2, RP3-423B22.3.	
Introduction	
SNIP1 is smad nuclear interacting protein that contains a forkhead-associated (FHA) domain and acts as a nuclear inhibitor of CBP/p300. SNIP1 is an inhibitor of the TGF-beta signal transduction pathway and is significant 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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SNIP1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 100mM NaCl.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M RWRLYPFKN DEVLPVMYIH RQSAYLLGRH RRIADIPIDH PSCSKQHAVF QYRLVEYTRA DGTVGRRVKP YIIDLGSGNG TFLNNKRIEP QRYYELKEKD VLKFGFSSRE YVLLHESSDT SEIDRKDDED EEEEEEVSDS.	

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Precautions

SNIP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8TAD8)