

32-4891: Recombinant Human Smad Nuclear Interacting Protein 1

Alternative Name : Smad nuclear-interacting protein 1, FHA domain-containing protein
SNIP1, SNIP1, FLJ12553, dJ423B22.2, RP3-423B22.3.

Description

Source : Escherichia Coli. SNIP1 Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 160 amino acids (258-396 a.a.) and having a molecular mass of 18.8kDa. The SNIP1 is purified by proprietary chromatographic techniques. 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.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The SNIP1 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 20% glycerol and 100mM NaCl.
Storage condition : SNIP1 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MRWRLYPFKN DEVLPMYIH QSAYLLGRH RRIADIPIDH PSCSKQHAFV QYRLVEYTRA DGTVGRRVKP YIIDLGSGNG TFLNNKRIEP QRYVELKEKD VLKFGFSSRE YVLLHSSDT SEIDRKDDED EEEEEVSDS.