

# Recombinant Human small nuclear RNA activating complex, polypeptide 1, 43kDa, His-tagged

Cat. No. SNAPC1-594H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	SNAPC1, 1-368aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-368 a.a.
<b>Description</b>	SNAPC1 is a part of the SNAPc complex required for the transcription of both RNA polymerase II and III small-nuclear RNA genes. It binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Also, it recruits TBP and BRF2 to the U6 snRNA TATA box. Recombinant human SNAPC1 protein, fused to His-tag at N-terminus, was expressed in E.coli
<b>Form</b>	Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol
<b>Molecular Mass</b>	45.4 kDa (391aa)
<b>AA Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMGTPPGL QTDCEALLSR FQETDSVRFE DFTLWRNMK FGTIFCGRMR NLEKNMFTKE ALALAWRYFL PPYTFQIRVG ALYLLYGLYN TQLCQPKQKI RVALKDWDEV LKFQQDLVNA QHFDAAYIFR KLRLDRAFHF TAMPKLLSYR MKKKIHRAEV TEEFKDPSDR VMKLITSDVL EEMLNVDHY QNMKHVISVD KSKPDKALSL IKDDFFDNIK NIVLEHQQWH KDRKNPSLKS KTNDGEEKME GNSQETERCE RAESLAKIKS KAFSVVIQAS

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KSRRHRQVKL DSSSDSDSASG QGQVKATRKK EKKERLKPAG RKMSLRNKGN  
VQNIHKEDKP LSLSMPVITE EEENESLSGT EFTASKKRRK H

**Purity** >80 % by SDS - PAGE

**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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

## GENE INFORMATION

**Gene Name** [SNAPC1 small nuclear RNA activating complex, polypeptide 1, 43kDa \[ Homo sapiens \]](#)

**Official Symbol** SNAPC1

**Synonyms** SNAPC1; small nuclear RNA activating complex, polypeptide 1, 43kDa; small nuclear RNA activating complex, polypeptide 1, 43kD; snRNA-activating protein complex subunit 1; PTFgamma; SNAP43; SNAPc subunit 1; PTF subunit gamma; SNAPc 43 kDa subunit; PSE-binding factor subunit gamma; snRNA-activating protein complex 43 kDa subunit; small nuclear RNA-activating complex polypeptide 1; proximal sequence element-binding transcription factor subunit gamma;

**Gene ID** [6617](#)

**mRNA Refseq** [NM\\_003082](#)

**Protein Refseq** [NP\\_003073](#)

**MIM** [600591](#)

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<b>UniProt ID</b>	Q16533
<b>Chromosome Location</b>	14q22
<b>Pathway</b>	Gene Expression, organism-specific biosystem; RNA Polymerase I, RNA Polymerase III, and Mitochondrial Transcription, organism-specific biosystem; RNA Polymerase III Abortive And Retractive Initiation, organism-specific biosystem; RNA Polymerase III Transcription, organism-specific biosystem; RNA Polymerase III Transcription Initiation, organism-specific biosystem; RNA Polymerase III Transcription Initiation From Type 3 Promoter, organism-specific biosystem;
<b>Function</b>	DNA binding;

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