

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

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

SPECIFICATION

Product Overview	SNAPC1, 1-368aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-368 a.a.
Description	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
Form	Liquid. In 20mM Tris-HCl (pH 8.0) containing 10% glycerol
Molecular Mass	45.4 kDa (391aa)
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMGTPPGL QTDCEALLSR FQETDSVRFE DFTELWRNMK FGTFICGRMR NLEKNMFTKE ALALAWRYFL PPYTFQIRVG ALYLLYGLYN TQLCQPKQKI RVALKDWDDEV 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 LSLSPVITE 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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UniProt ID	Q16533
Chromosome Location	14q22
Pathway	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;
Function	DNA binding;

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