

AR51637PU-S

Human SNAPC1 / SNAP43 (1-368, His-tag) - Purified

Alternate names:

PSE-binding factor subunit gamma, SNAP-43, SNAPc subunit 1, snRNA-activating protein complex 43 kDa subunit, snRNA-activating protein complex subunit 1

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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

Uniprot ID:

[Q16533](#)

NCBI:

[NP_003073](#)

GeneID:

[6617](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >80% by SDS - PAGE

Buffer System: 20 mM Tris-HCl (pH 8.0) containing 10% glycerol.

Description:

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSMGTPPGL QTDCEALLSR FQETDSVRFE DFTELWRNMK
FGTIFCGRMR NLEKNMFTKE ALALAWRYFL PPYTFQIRVG ALYLLYGLYN TQLCQPKQKI
RVALKDWDDEV LKFQQDLVNA QHFDAAAYIFR KLRLDRAFHF TAMPKLLSYR MKKKIHRAEV
TEEFKDPSPDR VMKLITSDVL EEMLNVDHY QNMKHVISVD KSKPDKALSL IKDDFFDNIK
NIVLEHQQWH KDRKNPSLKS KTNDGEEKME GNSQETERCE RAESLAKIKS KAFSVVIQAS
KSRRHRQVKL DSSSDSDSASG QGQVKATRK EKKERLKPAG RKMSLRNKG VQNIHKEDKP
LSLSMPVITE EEENESLSGT EFTASKKRRK H

Molecular weight: 45.4 kDa (391aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Hinkley C.S., et al. (2003) J. Biol. Chem. 278:18649-18657.

Pictures:

