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### Recombinant human SNAPC1 protein

Catalog Number: ATGP2817

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-368aa

#### **UniProt No.**

016533

#### **NCBI Accession No.**

NP 003073

#### **Alternative Names**

snRNA-activating protein complex subunit1, PTFgamma, SNAP43

#### **PRODUCT SPECIFICATION**

#### **Molecular Weight**

45.4 kDa (391aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

#### **Purity**

> 80% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **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

#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSMGTPPGL OTDCEALLSR FOETDSVRFE DFTELWRNMK FGTIFCGRMR



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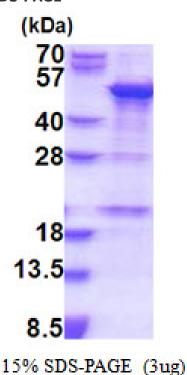
NLEKNMFTKE ALALAWRYFL PPYTFQIRVG ALYLLYGLYN TQLCQPKQKI RVALKDWDEV LKFQQDLVNA QHFDAAYIFR KLRLDRAFHF TAMPKLLSYR MKKKIHRAEV TEEFKDPSDR VMKLITSDVL EEMLNVHDHY QNMKHVISVD KSKPDKALSL IKDDFFDNIK NIVLEHQQWH KDRKNPSLKS KTNDGEEKME GNSQETERCE RAESLAKIKS KAFSVVIQAS KSRRHRQVKL DSSDSDSASG QGQVKATRKK EKKERLKPAG RKMSLRNKGN VQNIHKEDKP LSLSMPVITE EEENESLSGT EFTASKKRRK H

#### **General References**

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

#### **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

