
Product Data Sheet

Product Name: SNAPC1 Human
 Cat. No.: GP24626
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PTFgamma; SNAP43; snRNA-activating protein complex subunit 1; SNAPc subunit 1; Proximal sequence element-binding transcription factor subunit gamma; PSE-binding factor subunit gamma; PTF subunit gamma; Small nuclear RNA-activating complex polypeptide 1; SNAPc 43 kDa subunit; SNAPC1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGTPPGL QTDCEALLSR FQETDSVRFE DFTLWRNMK FGTIFCGMRNLEKNMFTKE ALALAWRYFL PPYTFQIRVG ALYLLYGLYN TQLCQPKQKI RVALKDWDEV LKFQQDLVNAQHFDAAAYIFR KLRLDRAFHF TAMPKLLSYR MKKKIHRAEV TEEFKDPSDR VMKLITSDVL EEMLNVDHYQNMKHVISVD KSKPDKALSL IKDDFFDNIK NIVLEHQQWH KDRKNPSLKS KTNDGEEKME GNSQETERCERAESLAKIKS KAFSVVIQAS KSRRHRQVKL DSSDSDSASG QGQVKATRKK EKKERLKPAG RKMSLRNKGNVQNIHKEDKP LSLMPVITE EEENESLSGT EFTASKKRRK H.		
Formulation	SNAPC1 protein solution (1mg/ml) contains 20mM Tris-HCl (pH 8.0) and 10% glycerol.		

Introduction

Small Nuclear RNA Activating Complex, Polypeptide 1 (SNAPC1) is a part of the SNAPc complex necessary for the transcription of both RNA polymerase II and III small-nuclear RNA genes. SNAPC1 binds to the proximal sequence element (PSE), a non-TATA-box basal promoter element common to these 2 types of genes. Moreover, SNAPC1 recruits TBP and BRF2 to the U6 snRNA TATA box.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

SNAPC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 391 amino acids (1-368 a.a) and having a molecular mass of 45.4kDa. SNAPC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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