

AR51110PU-N

Human RNF7 (1-113, His-tag) - Purified

Alternate names:

CKBBP1, CKII beta-binding protein 1, RBX2, RING finger protein 7, RING-box protein 2, ROC2, Regulator of cullins 2, SAG, Sensitive to apoptosis gene protein

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

RNF7 is a highly conserved ring finger protein. It is an essential subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases, which are a part of the protein degradation machinery important for cell cycle progression and signal transduction. This protein interacts with, and is a substrate of, casein kinase II (CSNK2A1/CKII). The phosphorylation of this protein by CSNK2A1 has been shown to promote the degradation of I κ B α (CHUK/IKK- α /IKBKA) and p27Kip1 (CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported.

Uniprot ID:

[Q9UBF6](#)

NCBI:

[NP_055060](#)

GenelD:

[9616](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

Description:

Recombinant human RNF7 protein, fused to His-tag at N-terminus, was expressed in E.coli .

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMADVEDG EETCALASHS GSSGSKSGGD KMFSLKKNWA
VAMWSWDVEC DTCAICRVQV MDACLRQAE NKQEDCVVW GECNHSFHNC CMSLWVKQNN
RCPLCQQDWV VQRIGK

Molecular weight: 15.1 kDa (136aa)

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:

Swaroop M., et al. (2000). Oncogene 19:2855-2866

Pictures:

