

Recombinant human RNF7 protein

Catalog Number: ATGP2286

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-113aa

UniProt No.

Q9UBF6

NCBI Accession No.

NP_055060

Alternative Names

RING-box protein 2 isoform 1, Ring finger protein 7, CKBBP1, ROC2, SAG

PRODUCT SPECIFICATION

Molecular Weight

15.1 kDa (136aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

Purity

> 90% 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

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

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in E. coli.

Amino acid Sequence

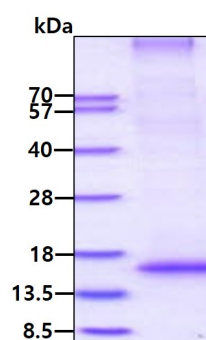
<MGSSHHHHHH SSGLVPRGSH MGS>MADVEDG EETCALASHS GSSGSKSGGD KMFSLKKNNA VAMWSWDVEC
DTCAICRVQV MDACLRCAE NKQEDCVVWV GECNHSFHNC CMSLWVKQNN RCPLCQQDWV VQRIGK

General References

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

DATA

SDS-PAGE



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