

Recombinant Human RNF7, His-tagged

Cat. No. RNF7-2286H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RNF7 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	136aa
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 IκappaBα (CHUK/IKK-α/IKBKA) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	15.1 kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMADVEDG EETCALASHS GSSGSKSGGD KMFSLLKKWNA VAMWSWDVEC DTCAICRVQV MDACLRCAENKQEDCVVWV GECNHSFHNC CMSLWVKQNN RCPLCQQDWV VQRIGK

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml
GENE INFORMATION	
Gene Name	RNF7 ring finger protein 7 [Homo sapiens]
Official Symbol	RNF7
Synonyms	RNF7; ring finger protein 7; RING-box protein 2; CKBBP1; ROC2; SAG; sensitive to apoptosis; zinc RING finger protein SAG; regulator of cullins 2; rbx2; CKII beta-binding protein 1; sensitive to apoptosis gene protein; sensitive to apoptosis, zinc RING finger protein SAG, regulator of cullins 2;
Gene ID	9616
mRNA Refseq	NM_001201370
Protein Refseq	NP_001188299
MIM	603863
UniProt ID	Q9UBF6
Chromosome Location	3q22-q24

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Pathway	ECS complex, organism-specific biosystem; ECS complex, conserved biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;
Function	NEDD8 ligase activity; copper ion binding; metal ion binding; protein binding; zinc ion binding;

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