

## Product datasheet for **AR51110PU-S**

### **RNF7 (1-113, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	RNF7 (1-113, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMADVEDG EETCALASHS GSSGSKSGGD KMFSLKKWNA VAMWSWDVEC DTCAICRVQV MDACLRCAE NKQEDCVVW GECNHSFHNC CMSLWVKQNN RCPLCQQDWV VQRIGK
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	15.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human RNF7 protein, fused to His-tag at N-terminus, was expressed in E.coli .
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001188299</a>
<b>Locus ID:</b>	9616
<b>UniProt ID:</b>	<a href="#">Q9UBF6</a>
<b>Cytogenetics:</b>	3q23
<b>Synonyms:</b>	CKBBP1; rbx2; ROC2; SAG



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**Summary:**

The protein encoded by this gene 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 $\kappa$ B $\alpha$  (CHUK/IKK- $\alpha$ /IKBKA) and p27Kip1(CDKN1B). Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Ubiquitin mediated proteolysis

**Product images:**