

## 32-4668: Recombinant Human Ring Finger Protein 7

**Alternative Name** RING-box protein 2 isoform 1, Ring finger protein 7, CKBBP1, ROC2, SAG, RING-box protein 2, Rbx2, CKII  
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beta-binding protein 1, Regulator of cullins 2, Sensitive to apoptosis gene protein, RBX2, RNF7.

### Description

Source : Escherichia Coli. RNF7 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 136 amino acids (1-113 a.a) and having a molecular mass of 15.1kDa. RNF7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ring Finger Protein 7, also known as RNF7, is an extremely conserved ring finger protein. RNF7 is a vital subunit of SKP1-cullin/CDC53-F box protein ubiquitin ligases that are a part of the protein degradation machinery important for cell cycle progression and signal transduction. RNF7 is a substrate of casein kinase II (CSNK2A1/CKII) and also interacts with it. The phosphorylation of RNF7 by CSNK2A1 promotes the degradation of I $\kappa$ B $\alpha$  (CHUK/IKK- $\alpha$ /IKBKA) and p27Kip1 (CDKN1B).

### Product Info

**Amount :** 20  $\mu$ g  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** RNF7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer 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.  
**Amino Acid :** MGSSHHHHHH SGLVPRGSH MGSMADVEDG EETCALASHS GSSGSKSGGD KMFSLKQWNA  
VAMWSWDVEC DTCAICRVQV MDACLRQAE NKQEDCVVWV GECNHSFHNC CMSLWVKQNN  
RCPLCQQDWV VQRIGK.

