9051 Mira Mesa Blvd, #910094
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RNF7 Human

Ring Finger Protein 7 Human Recombinant
RCP1884

Product Overview

Name	RNF7 Human
Description	
Ring Finger Protein 7 Human Recombinant	
Accession (Primary)	Q9UBF6
Synonyms	
RING-box protein 2 isoform 1, Ring finger protein 7, CKBBP1, ROC2, SAG, RING-box protein 2, Rbx2, CKII beta-binding protein 1, Regulator of cullins 2, Sensitive to apoptosis gene protein, RBX2, RNF7.	
Introduction	
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 IkappaBalpha (CHUK/IKK-alpha/IKBKA) and p27Kip1(CDKN1B).	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RNF7 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MADVEDG EETCALASHS GSSGSKSGGD KMFSLKKWNA VAMWSWDVEC DTCAICRVQV MDACLRCQAE NKQEDCVVVW GECNHSFHNC CMSLWVKQNN RCPLCQQDWV VQRIGK.	
Precautions	

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RNF7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9UBF6)