

Recombinant Human RNF7 Protein (2-113 aa), His-tagged

Cat. No. RNF7-1506H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF7 Protein (2-113 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	2-113 aa
Description	Probable component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins involved in cell cycle progression, signal transduction and transcription. Through the RING-type zinc finger, ses to recruit the E2 ubiquitination enzyme to the complex and brings it into close proximity to the substrate. Promotes the neddylation of CUL5 via its interaction with UBE2F. May play a role in protecting cells from apoptosis induced by redox agents.
Form	Tris-based buffer,50% glycerol
Molecular Mass	14.6 kDa
AA Sequence	ADVEDGEETCALASHSGSSGSKSGGDKMFSLKKWNAVAMWSWDVECDTCAICRV QVMDACLRCQAENKQEDCVVWGEKNHSFHNCCMSLWVKQNNRCPLCQQDWVV QRIGK

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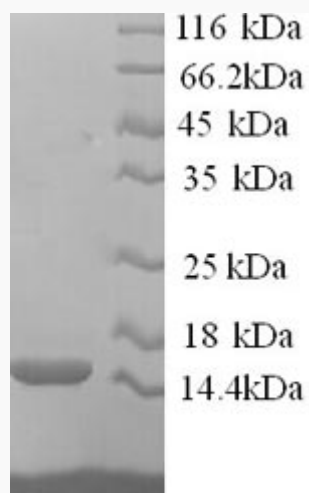
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
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; rbx2;
Gene ID	9616
mRNA Refseq	NM_001201370
Protein Refseq	NP_001188299
MIM	603863
UniProt ID	Q9UBF6

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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