

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

Cat. No. RNF7-780H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF7 Protein (2-113 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length of Mature Protein.
Species	Human
Source	E.coli
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	39.6 kDa
AA Sequence	ADVEDGEETCALASHSGSSGSKSGGDKMFSLKKWNAVAMWSWDVECDTCAICRV QVMDACLRCQAENKQEDCVVWGEKNHSFHNCCMSLWVKQNNRCPLCQQDWVV QRIGK

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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 concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	RNF7 ring finger protein 7 [Homo sapiens]
Official Symbol	RNF7
Synonyms	RNF7; CKBBP1; ROC2; SAG; rbx2;
Gene ID	9616
mRNA Refseq	NM_001201370
Protein Refseq	NP_001188299
MIM	603863
UniProt ID	Q9UBF6

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