

# Recombinant human RNF34 protein

Catalog Number: ATGP2419

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-373aa

### UniProt No.

Q969K3

### NCBI Accession No.

NP\_919247

### Alternative Names

E3 ubiquitin-protein ligase RNF34 isoform 1, CARP-1, CARP1, Caspase regulator CARP1, Caspases-8 and-10-associated RING finger protein 1, E3 ubiquitin-protein ligase, ring finger protein 34, FLJ21786, RIF, RIFF, E3 ubiquitin protein ligase RNF34 isoform 1

## PRODUCT SPECIFICATION

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### Molecular Weight

44.2 kDa (396aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

RNF34 contains a RINF finger, a motif known to be involved in protein-protein and protein-DNA interactions. This protein interacts with DNAJA3/hTid-1, which is a DnaJ protein reported to function as a modulator of apoptosis. Overexpression of this gene in Hela cells was shown to confer the resistance to TNF-alpha induced apoptosis, suggesting an anti-apoptotic function of this protein. This protein can be cleaved by caspase-3 during the

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induction of apoptosis. This protein also targets p53 and phospho-p53 for degradation. Alternatively splicing results in multiple transcript variants encoding distinct isoforms. Recombinant human RNF34 protein, fused to His-tag at N-terminus, was expressed in E. coli.

## Amino acid Sequence

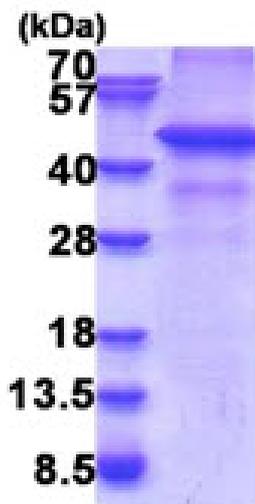
MGSSHHHHHH SGLVPRGSH MGSMRKAGAT SMWASCCGLL NEVMGTGAVR GQQSAAFAGAT GPFRTNPPE  
FSTYPPAATE GPNIVCKACG LSFVFRKKH VCCDCKKDFC SVCSVLQENL RRCSTCHLLQ ETAFQRPQLM RLKVKDLRQY  
LILRNIPIDT CREKEDLVDL VLCHHGLGSE DDMDTSSLNS SRSQTSSFFT RSFFSNYAP SATMSSFQGE LMDGDQTSRS  
GVPAQVQSEI TSANTEDDDD DDEDDDDDEE ENAEDRNPGL SKERVASLS DLSSLDDVEG MSVRQLKEIL ARNFVNYSGC  
CEKWELVEKV NRLYKENEEN QKSYGERLQL QDEEDDSLRC ICMDAVIDCV LLECGHMTVC TKCGKRMSEC PICRQYVVRA  
VHVFKS

## General References

Wei P. et al. (2012) Mol Cell Biol. 32:266-275.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)