Recombinant human RNF34 protein

Catalog Number: ATGP2419

PRODUCT INFORMATION

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

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

Description
RNF34contains 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

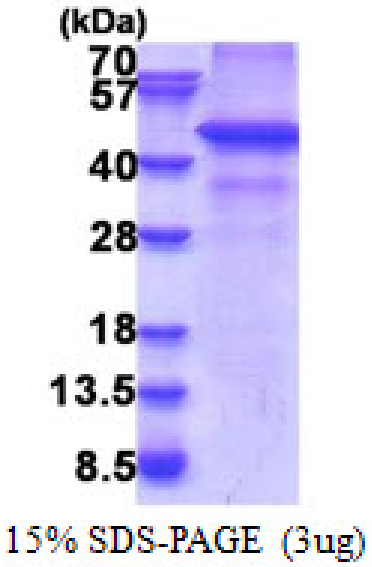
MGSSHHHHHH SSGLVPRGSH MGSMRKAGAT SMWASCCGLL NEVMGTGAVR GQQSAFAGAT GPFRFTPNPE FSTYPPAATE GPNIVCKACG LSFSVFRKKH VCCDCKKDFC SVCSVLQENL RRCSTCHLLQ ETAFQRPQLM RLKVKDLRQY LILRNIPIDT CREKEDLVDL VLCHHGLGSE DDMDTSSLNS SRSQTSSFFT RSFFSNYTAP SATMSSFQGE LMDGDQTSRS GVPAQVQSEI TSANTEDDDD DDDEDDDDEE ENAEDRNPGL SKERVRASLS DLSSLDDVEG MSVRQLKEIL ARNFVNYSGC CEKWELVEKV NRLYKENEEN QKSYGERLQL QDEEDDSLCR ICMDAVIDCV LLECGHMVTC TKCGKRMSEC PICRQYVVRA VHVFKS

General References

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

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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