

RNF34, 1-373aa, Human, His tag, E.coli

Cat.NO.: TP03753

3th Edition

Synonyms: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

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 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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

Molecular Weight:44.2 kDa(396aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMRKAGATSMWASCCGLLNEVMGTGAVRGQQSAFAGATGPFRFTPNPFEFS
TYPPAATEGPNIVCKACGLSFSVFRKKHVCCDCKKDFCSVCSVLQENLRRCTCHLLQETAFQRPQLMRLKVKDLR
QYLILRNIPIDTCREKEDLVDLVLCHHGLGSEDDMDTSSLNSSRSQTSSFFTRSFFSNYAPSATMSSFQGELMDGD
QTSRSGVPAQVQSEITSANTEDDDDDDDDEDDDEEENAEDRNPGLSKERVASLSDLSSLDLDDVEGMSVRQLKEIL
ARNFVNYSGCCCEKWELVEKVNRLYKENEENQKSYGERLQLQDEEDDSLRCICMDAVIDCVLLECGHMVTCTKCGK
RMSECPICRQYVVRAVHVFKS

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.