

Recombinant Human RNF34 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RNF34-4156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RNF34 MS Standard C13 and N15-labeled recombinant protein (NP_079402) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene 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 induction of apoptosis. This protein also targets p53 and phospho-p53 for degradation. Alternatively splicing results in multiple transcript variants encoding distinct isoforms.
Molecular Mass	41.6 kDa
AA Sequence	MKAGATSMWASCCGLLNEVMGTGAVRGQQSAFAGATGPFRFTPNPEFSTYPPAAT EGPNIVCKACGLSFSVFRKKHVCCDCKKDFCSVCSVLQENLRRRCSTCHLLQETAFAQ RPQLMRLKVKDLRQYLILRNIPIDTCREKEDLVDLVLCHHGLGSEDDMDTSSLN SSR SQTSSFFTRSFFSNYTAPSATMSSFQGELMDGDQTSRSGVPAQVQSEITSANTEDD DDDDDEDDDDDEEENAEDRNPGLSKERVASLSLSSLDLDDVEGMSVRQLKEILARNF

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VNYSGCCEKWELVEKVNRLYKENEENQKSYGERLQLQDEEDDSLCLCRICMDAVIDCV
LLECGHMTCTKCGKRMSECPICRQYVVRAVHVFKSTRTRPLEQKLISEEDLAANDI
LDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name RNF34 ring finger protein 34 [Homo sapiens (human)]

Official Symbol RNF34

Synonyms RNF34; ring finger protein 34, E3 ubiquitin protein ligase; ring finger protein 34; E3 ubiquitin-protein ligase RNF34; FLJ21786; RIF; RIFF; caspase regulator CARP1; RING finger protein RIFF; FYVE-RING finger protein MOMO; caspases-8 and -10-associated RING finger protein 1; human RING finger homologous to inhibitor of apoptosis protein; RFI; hRFI; CARP1; CARP-1;

Gene ID 80196

mRNA Refseq NM_025126

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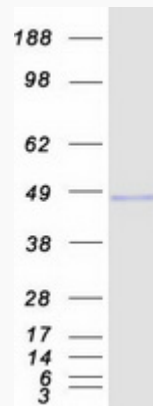
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Protein Refseq NP_079402

MIM 608299

UniProt ID Q969K3

SDS-PAGE



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