OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH
Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

AR51239PU-S Human RFI / RNF34 (1-373, His-tag) - Purified

Alternate names: CARP-1, CARP1, Caspases-8 and -10-associated RING finger protein 1, E3 ubiquitin-protein ligase RNF34, FYVE-RING finger protein Momo, Human RING finger homologous to inhibitor of apoptosis protein, RIFF

Quantity: 0.1 mg

Concentration: 1.0 mg/ml (determined by Bradford assay)

Background: 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.

Uniprot ID: Q969K3

NCBI: NP_919247

GeneID: 80196

Species: Human

Source: E. coli

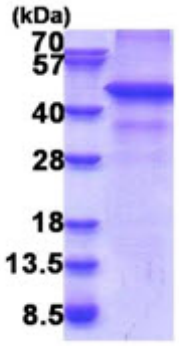
Format: **State:** Liquid purified protein
Purity: >90% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

Description: Recombinant human RNF34 protein, fused to His-tag at N-terminus, was expressed in E.coli.
AA 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
Molecular weight: 44.2 kDa (396aa) confirmed by MALDI-TOF

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

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

Pictures:



15% SDS-PAGE (3ug)