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**Product Data Sheet**


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Product Name: RNF34 Human  
 Cat. No.: GP24403  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.

Synonyms Ring Finger Protein 34; E3 Ubiquitin Protein Ligase; RINGFinger Protein 34; Caspase Regulator CARP1; Caspases-8 And -10-Associated RINGFinger Protein 1; FYVE-RING Finger Protein Momo; Human RING Finger HomologousTo Inhibitor Of Apoptosis Protein; CARP-1; hRFI; RING Finger Protein RIFF; RFI;CARP1; RIF; RIFF; E3 Ubiquitin-Protein Ligase RNF34; EC 6.3.2.

Amino Acid Sequence  
 MGSSHHHHH SSGLVPRGSH MGS MRKAGAT SMWASCCGLL  
 NEVMGTGAVR GQSAFAGAT GPFRFTPNPEFSTYPPAATE GPNIVCKACG  
 LSFVFRKKH VCCDCKKDFC SVCSVLQENL RRCSTCHLLQ  
 ETAFQRPQLMRLKVKDLRQY LILRNIPIDT CREKEDLVDL VLCHHGLGSE  
 DDMDTSSLNS SRSQTSSFFT RSFFSNYAPSATMSSFQGE LMDGDQTSRS  
 GVPAQVQSEI TSANTEDDDD DDEDDDDDEE ENAEDRNPGL  
 SKERVASLSDLSSLDVVEG MSVRQLKEIL ARNFVNYS GC CEKWELVEKV  
 NRLYKENEEN QKSYGERLQL QDEEDDSLRC ICMDAVIDCVLLECGHMVTC  
 TKCGKRMSEC PICRQYVVRA VHVFKS

Formulation RNF34 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.

**Introduction**

RingFinger Protein 34 (RNF34) has E3 ubiquitin-protein ligase activity. RNF34 has a RINF finger, a motif recognized to be involved in protein-protein and protein-DNA interactions. RNF34 regulates the levels of CASP8 and CASP10 by targeting them for proteasomal degradation. In addition, RNF34 protects cells against apoptosis induced by TNF. RNF34 also binds phosphatidylinositol 5-phosphate and phosphatidylinositol 3-phosphate. Alternatively splicing results in multiple transcript variants encoding distinct isoforms.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

### Background

RNF34 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 396 amino acids (1-373a.a) and having a molecular mass of 44.2kDa.

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