

Active Recombinant Human RNF34 Protein, GST-tagged

Cat. No. RNF34-638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RNF34 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	E3 ubiquitin-protein ligase RNF34, also named CARP1 (Caspases-8/10 Associated RING protein 1), acts as RING-domain E3 ligases, ubiquitinates apical caspases and targets them for proteasome-mediated degradation. CARP gene silencing inhibits tumor cell survival and increases cancer cell sensitivity to the death ligand or chemotherapy-induced apoptosis. CARP proteins target the tumor suppressor p53 for degradation. RNF34 is also a negative regulator of the NOD1 pathway through direct interaction and ubiquitination of NOD1.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
Bio-activity	21 nmol/min/mg
Molecular Mass	68 kDa
Purity	>80%
Applications	Ubiquitin Enzyme Assay, Western Blot

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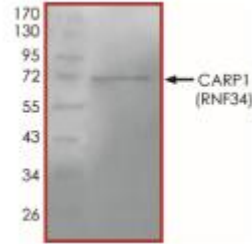
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Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml
GENE INFORMATION	
Gene Name	RNF34 ring finger protein 34, E3 ubiquitin protein ligase [Homo sapiens]
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
Protein Refseq	NP_079402
MIM	608299
UniProt ID	Q969K3

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