

RNF34 (CARP) Recombinant Protein | RNF34 recombinant protein

RNF34 (CARP), Active

CATALOG # AAA73944	HOST Sf9 insect cells	APPLICATIONS Western Blot
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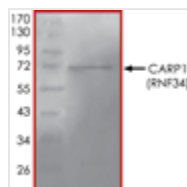
PRODUCT SYNONYMS

RNF34 (CARP); Active; RNF34; CARP; CARP1; hRFI; RFI; RIF; RIFF; RNF34 recombinant protein

PRODUCT SPECIFICATIONS

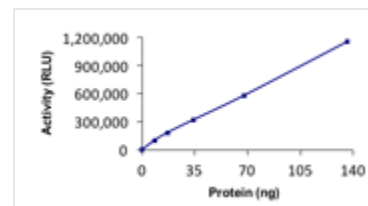
Host	Sf9 insect cells
Form/Format	Recombinant proteins stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for RNF34 recombinant protein	WB (Western Blot)
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for RNF34 recombinant protein	Recombinant human RNF34 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The RNF34 gene accession number is NM_025126. 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.
Product Categories/Family for RNF34 recombinant protein	Ubiquitin Enzymes ; Apoptosis/Autophagy ; Cancer ; Metabolic Disorder ; Neurobiology

References

1. Yang, W. et al: CARPs are E3 ligases that target apical caspases and p53. Cancer Biol. Ther. 6(11):1676-1683, 2007
2. McDonald, E.R. 3rd et al: Suppression of caspase-8-and -10-associated RING proteins results in sensitization to death ligands and inhibition of tumor cell growth. PNAS. 20;101(16):6170-6175, 2004
3. Zhang, R. et al: The E3 Ligase RNF34 is a Novel Negative Regulator of the NOD1 Pathway. Cell Physiol. Biochem. 33:1954-1962, 2014

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_025126](#)

Molecular Weight

68kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rnf34-carp-recombinant-protein-sf9-insect-cells-wb-western-blot/73944>