

RIPK2 recombinant protein

RIPK2, Active

CATALOG # AAA73918	HOST Sf9 insect cells	APPLICATIONS Western Blot
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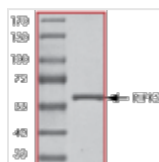
PRODUCT SYNONYMS

RIPK2; Active; RICK; RIP2; CARD3; CARDIAK; CCK; GIG30; RIPK2 recombinant protein

PRODUCT SPECIFICATIONS

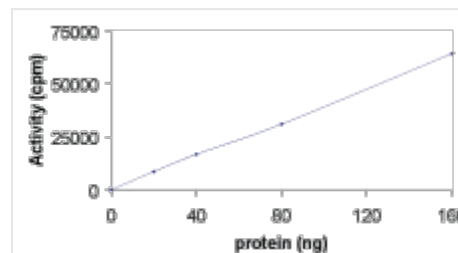
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for RIPK2 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped 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 Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for RIPK2 recombinant protein	Recombinant human RIPK2 (1-299) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_003821. RIPK2 (RIP2; RICK) is a death domain-containing protein kinase encoding a predicted 540-amino acid protein which contains an N-terminal serine/threonine kinase catalytic domain and a C-terminal caspase activation and recruitment domain. RIPK2 is thought to regulate apoptosis induced by the FAS receptor pathway (1). RIPK2 has been shown to specifically interact with the CARD of ICE/caspase-1 and this interaction correlates with the processing of pro-caspase-1 and the formation of the active caspase-1 p20 (2).
Product Categories/Family for RIPK2 recombinant protein	Protein Kinases; Apoptosis/Autophagy; Cancer; Inflammation; JAK/STAT Pathway; JNK/SAPK Pathway; p38 Pathway; Ser/Thr Kinases

References

1. Inohara, N. et al: RICK, a novel protein kinase containing a caspase recruitment domain, interacts with CLARP and regulates CD95-mediated apoptosis. J. Biol. Chem. 273: 12296-12300, 1998. Note: Erratum: J. Biol. Chem 273: 18675 only, 1998.
2. Thome, M. et al: Identification of CARDIAK, a RIP-like kinase that associates with caspase-1. Curr. Biol. 8: 885-888, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_003821](#)

Molecular Weight

~59kDa

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://www.aaabiotech.com/ripk2-recombinant-protein-sf9-wb-western-blot-kinase-assay/73918>