

RIPK1 active protein

RIPK1, Active

CATALOG #
AAA14253

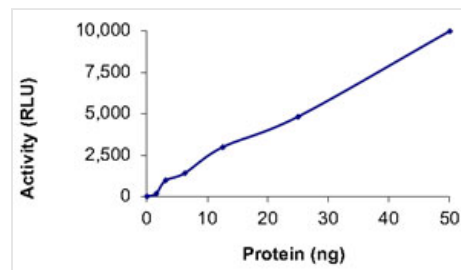
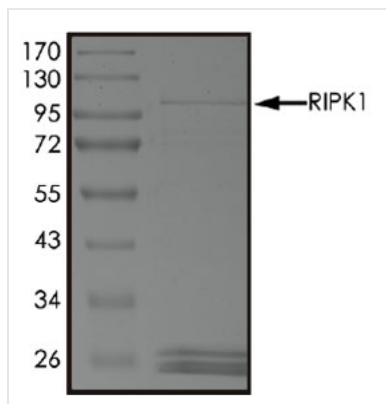
PRODUCT SYNONYMS

RIPK1; Active; RIPK1 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	>70%
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Concentration	0.05ug/ul (varies by lot)
Gene Aliases	RCK; MAP3K19
Specific Activity	1.4 nmol/ min/mg
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	Ships on dry ice. Store product at -70°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



Specific Activity

The specific activity of RIPK1 was determined to be 1.4 nmol/min/mg as per activity assay protocol, and was equivalent to 3 nmol/min/mg as per radiometric assay.

Purity

The purity of RIPK1 was determined to be >70% by densitometry, approx. MW 108 kDa.

ADDITIONAL INFORMATION

Related Product Information for RIPK1 active protein	Description: Full-length recombinant human RIPK1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background : RIPK1 or Receptor Interacting Protein Kinase 1 is a serine/threonine kinase that was originally identified as interacting with the cytoplasmic domain of FAS. RIPK1 has been deemed as an important element in the signal transduction machinery that mediates programmed cell death. RIPK1 has been shown to interact with TRADD, TRAF1 TRAF2 and TRAF3 and TRADD can act as an adaptor protein to recruit RIPK1to the TNFR1 complex in a TNF-dependent process (1). TNF? is capable of activating the noncanonical NF-?B pathway, but this activation of this pathway is negatively regulated by RIPK1(2).
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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/active-protein/ripk1/14253>