

RIPK1 recombinant protein

RIPK1, Active

CATALOG # AAA73917	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

RIPK1; Active; D330015H01Rik; Rinp; RIP; Rip1; RIPK1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein 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 RIPK1 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Mouse
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 RIPK1 recombinant protein	Recombinant mouse RIPK1 (1-327) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The RIPK1 gene accession number is NM_009068. 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 RIPK1 to the TNFR1 complex in a TNF-dependent process (1). TNFalpha is capable of activating the noncanonical NF-kappaB pathway, but this activation of this pathway is negatively regulated by RIPK1 (2).
Product Categories/Family for RIPK1 recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Cancer ; Inflammation ; JAK/STAT Pathway ; p38 Pathway ; Ser/Thr Kinases
References	1. Hsu, H. et al: TNF-dependent recruitment of the protein kinase RIP to the TNF receptor-1 signaling complex. Immunity 4: 387-396, 1996. 2. Kim, J Y. et al: TNFalpha induced noncanonical NF-kappaB activation is attenuated by RIP1 through stabilization of TRAF2. J Cell Sci. 2011 Feb 15;124(Pt 4):647-56.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_009068
Molecular Weight	~62kDa

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/ripk1-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73917>