

RIPK5 recombinant protein

RIPK5, Active

CATALOG # AAA73943	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

RIPK5; Active; DSTYK; DustyPK; HDCMD38P; KIAA0472; RIP5; RIPK5 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 RIPK5 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 RIPK5 recombinant protein	Recombinant full-length human RIPK5 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_015375. RIPK5 is a dual specificity serine/threonine and tyrosine protein kinase that is a member of the RIPK family. RIPK5 is widely expressed in vertebrates with broad distributed in the central nervous system, and deregulated in certain human cancers (1). RIPK5 has been shown to function as a regulator of cell death. Overexpression of RIPK5 leads to cell death as evidenced by DNA fragmentation (2). RIPK5 induces both caspase-dependent and caspase-independent cell death, and N- and C-terminal RIPK5 deletion mutants retained the ability to induce cell death.
Product Categories/Family for RIPK5 recombinant protein	Protein Kinases ; Apoptosis/Autophagy ; Cancer ; Inflammation ; JAK/STAT Pathway ; JNK/SAPK Pathway ; p38 Pathway ; Ser/Thr Kinases
References	1.Peng, J. et al: Dusty protein kinases: primary structure, gene evolution, tissue specific expression and unique features of the catalytic domain. <i>Biochim Biophys Acta</i>. 2006 Nov-Dec;1759(11-12):562-72.. 2.Zha, J. et al: RIP5 is a RIP-homologous inducer of cell death. <i>Biochem. Biophys. Res. Commun.</i> 319: 298-303, 2004.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_015375
Molecular Weight	~140kDa

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/ripk5-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73943>