

Receptor-interacting serine/threonine-protein kinase 3 (RIPK3) Recombinant Protein | RIPK3 recombinant protein

Recombinant Human Receptor-interacting serine/threonine-protein kinase 3 (RIPK3)

CATALOG # AAA18790	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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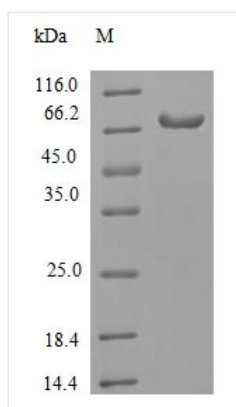
PRODUCT SYNONYMS

Receptor-interacting serine/threonine-protein kinase 3 (RIPK3); Recombinant Human Receptor-interacting serine/threonine-protein kinase 3 (RIPK3); RIP-like protein kinase 3; Receptor-interacting protein 3; RIP-3; RIPK3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-518aa; Full Length
Sequence	MSCVKLWPSG APAPLVSIEE LENQELVGKG GFGTVFRAQH RKWGYDVAVK IVNSKAISRE VKAMASLDNE FVLRLEGVIE KVNWDQDPKP ALVTKFMENG SLSGLLSQC PRPWLLCRL LKEVVLGMFY LHDQNPVLLH RDLKPSNVLL DPELHVKLAD FGLSTFQGS QSGTSGSEPG GTLGYLAPEL FVNVNRKAST ASDVYSFGIL MWAVLAGREV ELPTEPSLVY EAVCNQRNP SLAELPQAGP ETPGLEGLKE LMQCWSSEP KDRPSFQECL PKTDEVFQMV ENNMNAAVST VKDFLSQLRS SNRRFSIPES GQGGTEMDGF RRTIENQHSR NDVMVSEWLN KLNLEPPSS VPKKCPSTK RSRAQEEQVP QAWTAGTSSD SMAQPPQTPE TSTFRNQMPs PTSTGTPSPG PRGNQGAERQ GMNWSCRTPE PNPVTGRPLV NIYNCSGVQV GDNNYLTMQQ TTALPTWGLA PSGKGRGLQH PPPVGSQEGP KDPEAWSRPQ GWYNHSGK
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RIPK3 recombinant protein	Essential for necroptosis, a programmed cell death process in response to death-inducing TNF-alpha family members. Upon induction of necrosis, RIPK3 interacts with, and phosphorylates RIPK1 and MLKL to form a necrosis-inducing complex. RIPK3 binds to and enhances the activity of three metabolic enzymes: GLUL, GLUD1, and PYGL. These metabolic enzymes may eventually stimulate the tricarboxylic acid cycle and oxidative phosphorylation, which could result in enhanced ROS production.
Product Categories/Family for RIPK3 recombinant protein	Cell Biology
References	"Identification of RIP3, a RIP-like kinase that activates apoptosis and NFkappaB." Yu P.W., Huang B.C.B., Shen M., Quast J., Chan E., Xu X., Nolan G.P., Payan D.G., Luo Y. Curr. Biol. 9:539-542(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	40254844
NCBI GeneID	11035
NCBI Accession #	NP_006862.2
NCBI GenBank Nucleotide #	NM_006871.3
UniProt Accession #	Q9Y572; Q5J795; Q5J796; Q6P5Y1; B4DJL9; C4AM87
Molecular Weight	58.9 kDa
NCBI Official Full Name	receptor-interacting serine/threonine-protein kinase 3
NCBI Official Synonym Full Names	receptor interacting serine/threonine kinase 3
NCBI Official Symbol	RIPK3
NCBI Official Synonym Symbols	RIP3
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 3
UniProt Protein Name	Receptor-interacting serine/threonine-protein kinase 3
UniProt Gene Name	RIPK3
UniProt Synonym Gene Names	RIP3; RIP-3
UniProt Entry Name	RIPK3_HUMAN

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/ripk3-recombinant-protein-e-coli/18790>