

Receptor Interacting Serine Threonine Kinase 3 (RIPK3) Recombinant Protein | RIPK3 recombinant protein

Recombinant Receptor Interacting Serine Threonine Kinase 3 (RIPK3)

CATALOG # AAA134633	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Receptor Interacting Serine Threonine Kinase 3 (RIPK3); Recombinant Receptor Interacting Serine Threonine Kinase 3 (RIPK3); RIPK3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in 20mM Tris, 500mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-VK IVNSKKISRE VKAMVNL RHE NVLLLLGVTE NLEWDYVYGP ALVTGFMENG SLSGLLPSC PRPWLLCRL LEEVVLGMCY LHSNPSLLH RDLKPSNVLL DLELHAKLAD FGLSTFQGS QSGSGSGSRD SGGTAYLAP ELLDNDGKAS KASDVYSFGV LWVTVLAGE AEVVDKTSLI RGAVCNRRR PPLTEPPDS PETPGLEGLK ELMTHCWSSE P
Sequence Length	478
Applicable Applications for RIPK3 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Val50~Pro272 (Accession # Q9Z2P5) with two N-terminal Tags, His-tag and T7-tag
Usage	Reconstitute in ddH ₂ O.
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Predicted isoelectric point	6.3
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	21326477
NCBI GeneID	246240
NCBI Accession #	NP_647558.1
NCBI GenBank Nucleotide #	NM_139342.1
UniProt Accession #	Q9Z2P5
Molecular Weight	28.1kDa
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	Hcyp2
NCBI Protein Information	receptor-interacting serine/threonine-protein kinase 3; RIP-3; RIP-like protein kinase 3; receptor-interacting protein 3; homocysteine respondent protein HCYP2
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_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ripk3-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134633>