

# Recombinant Rat Ripk3 protein, His&Myc-tagged

**Cat. No.** Ripk3-2349R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Recombinant Rat Ripk3 protein(Q9Z2P5)(1-478aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cell.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-478aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 56.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | <p>MSSVKLWLNGASSISLVGSEELNLFVVGKGGFGAVFRARHTAWNLDVAVKIVNSK<br/> KISREVKAMVNLRHENVLLLLGV TENLEWDYVYGPALVTGFMENGSLSGLLQPSCP<br/> RPWPLLCLLEEVLGMCYLHSLNPSLLHRDLKPSNVLLDPELHAKLADFGFLSTFQG<br/> GSQSGSGSGSRDSGGTLAYLAPELLDNDGKASKASDVYSFGVLVWTVLAGREAEV<br/> VDKTSILIRGAVCNRRPPLTELPPDSPETPGLEGLKELMTHCWSSEP KDRPSFQD<br/> CESKTNNVYILVQDKVDAAVSKVKHYLSQYRSSDTKLSARESSQKGTEVDCPRETIV<br/> YEMLDRLHLEEPSGVSVERLTSLTERRGKEASFGHATPAGTSSDTLAGTPQIPHTLP<br/> SRGTTTPRAFTETPGPDQPQRNQGDGRNSNPWYTWNPMTGLQSIVLNNCSEV<br/> QIGQHNCMSVQPRTAFPKKEPAQFGRGRGW</p> |

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|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                        |
| <b>Storage</b>        | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                           |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Ripk3 receptor-interacting serine-threonine kinase 3 [ Rattus norvegicus ]</a>                                                                                                                                     |
| <b>Official Symbol</b> | <a href="#">Ripk3</a>                                                                                                                                                                                                          |
| <b>Synonyms</b>        | RIPK3; receptor-interacting serine-threonine kinase 3; receptor-interacting serine/threonine-protein kinase 3; RIP-3; RIP-like protein kinase 3; receptor-interacting protein 3; homocysteine respondent protein HCYP2; Hcyp2; |
| <b>Gene ID</b>         | <a href="#">246240</a>                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | <a href="#">NM_139342</a>                                                                                                                                                                                                      |
| <b>Protein Refseq</b>  | <a href="#">NP_647558</a>                                                                                                                                                                                                      |

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