

# Recombinant Full Length Mouse Ripk1 protein, His-tagged

**Cat. No.** Ripk1-4516M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Ripk1 protein(Q60855)(1-656aa), fused to N-terminal His tag, was expressed in E. coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-656aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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>   | 78.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | <p>MQPDMSLDNIKMASDDLLEKTDLDSGGFGKVSCLCYHRSHGFVILKKVYTGP NRAEY<br/> NEVLLEEGKMMHRLRHSRVVKLLGIIIEEGNYSLVMEYMEKGNLMHVLKTQIDVPLSL<br/> KGRIIVEAIEGMCYLHDKGVIIHKDLKPENILVDRDFHIKIADLGVASFKTWSKLTKEKD<br/> NKQKEVSSTTKNNGGTLYYMAPEHLNDINAKPTEKSDVYSFGIVLWAIFAKKEPYE<br/> NVICTEQFVICIKSGNRPNVEEILEYCPREIISLMERCWQAIPEDRPTFLGIEEEFRPFY<br/> LSHFEEYVEEDVASLKKEYPDQSPVLQRMFSLQHDCVPLPPSRSNSEQPGSLHSSQ<br/> GLQMGPVEESWFSSSPEYPQDENDRSVQAKLQEEASYHAFGIFA EKQTKPQPRQN<br/> EAYNREEERKRRVSHDPFAQQRARENIKSAGARGHSDPSTTSRGIAVQQLSWPAT<br/> QTVWNNGLYNQHGF GTTGTGVWYPPNLSQMYSTYKTPVPETNIPGSTPTMPYFSG</p> |

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PVADDLIKTYIFNSSGIQIGNHNYMDVGLNSQPPNNTCKEESTSRHQAIFDNTTSLTD  
EHLNPIRENLGRQWKNCARKLGFTESQIDEIDHDYERDGLKEKVYQMLQKWLMMREG  
TKGATVGKLAQALHQCCRIDLLNHLIRASQS

**Purity** Greater than 85% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** 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%.

## GENE INFORMATION

**Gene Name** [Ripk1 receptor \(TNFRSF\)-interacting serine-threonine kinase 1 \[ Mus musculus \]](#)

**Official Symbol** [Ripk1](#)

**Synonyms** RIPK1; receptor (TNFRSF)-interacting serine-threonine kinase 1; receptor-interacting serine/threonine-protein kinase 1; RIP-1; cell death protein RIP; receptor-interacting protein 1; serine/threonine-protein kinase RIP; RIP; Rinp; Rip1; D330015H01Rik;

**Gene ID** [19766](#)

**mRNA Refseq** [NM\\_009068](#)

**Protein Refseq** [NP\\_033094](#)

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