

## Recombinant Human RIPK2 protein, His-tagged

**Cat. No.** RIPK2-3761H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human RIPK2 protein(221-524 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 221-524 aa                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                  |
| <b>AA Sequence</b>      | EVLSRKQPFEDVTNPLQIMYSVSQGHRPVINEESLPYDIPHRARMISLIESGWAQNP<br>DERPSFLKCLIELEPVLRTFEEITFLEAVIQLKKTKLQSVSSAIHLCDKKKMELSLNIPV<br>NHGPQEESCGSSQLHENSGSPETSRSLPAPQDNDFLSRKAQDCYFMKLHHCPGN<br>HSWDSTISGSQRAAFCDHKTTPCSSAIINPLSTAGNSERLQPGIAQQWIQSKREDIVN<br>QMTEACLNQSLDALLSRDLIMKEDYELVSTKPTRTSKVRQLLDTTDIQGEEFAKVVVQ<br>KLKDNKQMGLQPYPEIL |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                             |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw                                                                                                         |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

cycles.

#### Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

#### Gene Name

RIPK2 receptor-interacting serine-threonine kinase 2 [ Homo sapiens ]

#### Official Symbol

RIPK2

#### Synonyms

RIPK2; receptor-interacting serine-threonine kinase 2; receptor-interacting serine/threonine-protein kinase 2; CARD3; CARDIAK; RICK; RIP2; RIP-2; CARD-carrying kinase; growth-inhibiting gene 30; tyrosine-protein kinase RIPK2; receptor interacting protein 2; receptor-interacting protein 2; RIP-like-interacting CLARP kinase; CARD-containing IL-1 beta ICE-kinase; CARD-containing interleukin-1 beta-converting enzyme-associated kinase; CARD-containing interleukin-1 beta-converting enzyme (ICE)-associated kinase; receptor-interacting protein (RIP)-like interacting caspase-like apoptosis regulatory protein (CLARP) kinase; CCK; GIG30;

#### Gene ID

8767

#### mRNA Refseq

NM\_003821

#### Protein Refseq

NP\_003812

#### MIM

603455

#### UniProt ID

O43353

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