

## Recombinant Mouse Irak3 Protein, Myc/DDK-tagged

**Cat. No.** Irak3-3569M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length interleukin-1 receptor-associated kinase 3 (Irak3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                  |
| <b>Description</b>      | Inhibits dissociation of IRAK1 and IRAK4 from the Toll-like receptor signaling complex by either inhibiting the phosphorylation of IRAK1 and IRAK4 or stabilizing the receptor complex. |
| <b>Molecular Mass</b>   | 68.9 kDa                                                                                                                                                                                |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                             |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                           |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                          |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                        |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                   |

### GENE INFORMATION

 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

|                 |                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Irak3 interleukin-1 receptor-associated kinase 3 [ Mus musculus (house mouse) ]                                               |
| Official Symbol | Irak3                                                                                                                         |
| Synonyms        | IRAK3; interleukin-1 receptor-associated kinase 3; IRAK-3; IL-1 receptor-associated kinase M; IRAK-M; AI563835; 4833428C18Rik |
| Gene ID         | 73914                                                                                                                         |
| mRNA Refseq     | NM_028679                                                                                                                     |
| Protein Refseq  | NP_082955                                                                                                                     |
| UniProt ID      | Q8K4B2                                                                                                                        |

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