

## Recombinant Human IRAK2 protein, His-tagged

**Cat. No.** IRAK2-7653H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human IRAK2 protein(O43187)(1-625aa), fused with C-terminal His tag, was expressed in E.coli.                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 1-625a.a.                                                                                                                                                                                                                                        |
| <b>Tag</b>              | His                                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.               |
| <b>Molecular Mass</b>   | 76.3 kDa                                                                                                                                                                                                                                         |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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 |

 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

concentration) and aliquot for long-term storage at -20°C/-80°C.

#### AA Sequence

MACYIYQLPSWVLDDLCRNMDALSEWDWMEFASYVITDLTQLRKIKSMERVQGVSI  
TRELLWWWGMRQATVQQLVDLLCRLELYRAAQIILNWKPAPEIRCPIPAFPDSVKPE  
KPLAASVRKAEDEQEEGQPVRMATFPGPGSSPARAHQPAFLQPPEEDAPHSLRSD  
LPTSSDSKDFSTSIPKQEKLKSLAGDSLFWSEADVQATDDFNQNRKISQGTFAADV  
RGHRHGKPFVFKKLRETACSSPGSIERFFQAEQLICLRCCHPNVLPVLGFCAARQFH  
SFIYPYMANGSLQDRLQGQGGSDPLWPQRVSICSGLLCAVEYLHGLEIIHSNVKSS  
NVLLDQNLTPKLAHPMAHLCPVNKRKYTMMKTHLLRTSAAYLPEDFIRVGQLTKRV  
DIFSCGIVLAEVLTGIPAMDNNRSPVYLKDLLLSDIPSSTASLCRKTGVENVMAKEIC  
QKYLEKGAGRLPEDCAEALATAACLCLRRRNTSLQEVCGSVAAVEERLRGRETLLP  
WSGLSEG TGSSSNTPEETDDVDNSSL DASSMSVAPWAGAATPLLPTENGEGR LR  
VIVGREADSSSEACVGLEPPQDVTETSWQIEINEAKRKL MENILLYKEEKVDSIELFG  
P

## GENE INFORMATION

**Gene Name** IRAK2 interleukin-1 receptor-associated kinase 2 [ Homo sapiens ]

**Official Symbol** IRAK2

**Synonyms** IRAK2; interleukin-1 receptor-associated kinase 2; interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor associated kinase-2; IRAK-2; MGC150550;

**Gene ID** 3656

**mRNA Refseq** NM\_001570

**Protein Refseq** NP\_001561

**MIM** 603304

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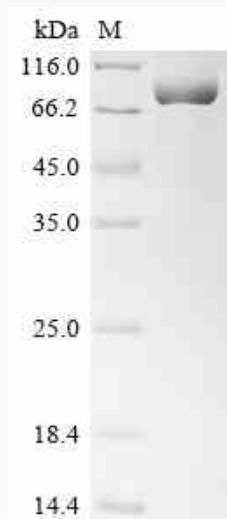
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 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

O43187

SDS-PAGE

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