



Recombinant Human IRAK2 Protein Product Manual

1. Product Basic Information

Product No.: REP07244

Protein Name: Interleukin 1 Receptor Associated Kinase 2 (IRAK2)

Aliases: interleukin 1 receptor associated kinase 2

UniProt ID: O43187

UniProt Link: <https://www.uniprot.org/uniprotkb/O43187/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-625aa)

Molecular Weight: 76.3 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-625aa)

MACYIYQLPSWVLDDLCRNMDALSEWDWMEFASYVITDLTQLRKIKSMERVQGVSI
TRELLWWWGMRQATVQQLVDLLCRLELYRAAQIILNWKPAPEIRCPAIPFDSVKP
EKPLAASVRKAEDQEEGQPVRMATFPGPGSSPARAHQPAFLQPPEEDAPHSLRS
DLPTSSDSKDFSTSIPKQEKLLSLAGDSLFWSEADVQATDDFNQNRKISQGTADF
VYRGHRHKGPFVFKKLRETACSSPGSIERFFQAELQICLRCCHPNVLPVLGFCAAR
QFHSFIYPYMANGLQDRLQGQGGSDPLPWPQRVSICSGLLCAVEYLHGLEIIHSN
VKSSNVLLDQNLTPKLAHPMAHLCPVNKRKYTMMKTHLLRTSAAYLPEDFIRVGQ
LTKRVDIFSCGIVLAEVLTGIPAMDNNRSPVYLKDLLLSDIPSSTASLCRKTGVENV
MAKEICQKYLEKGAGRLPEDCAEALATAACLCLRRRNTSLQEVCGSVAAVEERLRG
RETLLPWSGLSEGTGSSSNTPEETDDVDNSSLDASSSMSVAPWAGAATPLLPTEN
GEGRLRVIVGREADSSSEACVGLEPPQDVTETSWQIEINEAKRKLMEINILLYKEEKV
DSIELFGP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human IRAK2 full length protein (1-625aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. IRAK2, also known as interleukin 1 receptor associated kinase 2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.