

Full-Length

IRAK2 (Human) Recombinant Protein (P01)

Catalog # H00003656-P01

Size 50 ug

Specification

Product Description	Human IRAK2 full-length ORF (BAG35695.1, 1 a.a. - 590 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MACYYQLPSWVLDLDCRNMDALSEWDWMEFASYVITDLTQLRKIKSMERVQGV SITRELLWWW GMRQATVQQLVDLLCRLELYRAAQIILNWKPAPEIRCP IAFPDSVKPEKPLAASVRKAEDEQEE GQPVRMATFPGPGSSPARAHQPAFLQPPEEDAPHSLRSDLPTSSDSKDFSTSI PKQEKL LSLAG DSLFWSEADV VQATDDFNQNRKISQGT FADVYRGHRHGKPFVFKKLRETACSSPGS IERFFQAE LQICLR CCHPNVLPVLGFCAARQFH SFIPY MANGSLQDRLQGQGGSDPLPWPQRVSICSGLLCA VEYLHGLEIIHSNVKSSNVLLDQNLTPKLAHPMAHLCPV NKR SKY TMMKTHLLRTSAAYLPEDFIRV GQVTKRVDIFSCGIMLAEVLTGIPAMDNNRSPVY LKDLLSEIPSS T ASLC SRKTGVENVMAKEICQ KYLEKGAGRLPEDCAEALATAACLC LRRRNTSLQEVCGSVA AVEERLRGRE TLLPWSGLSEGTG SSSNTPEETDDVDNSSL DASSMSVAPWAGAATPLLPTENGEGR LRVIVGREADSSSEACVGL EPPQDVT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	91.7
Interspecies Antigen Sequence	Mouse (69); Rat (70)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — IRAK2

Entrez GeneID [3656](#)

GeneBank Accession# [AK312841.1](#)

Protein Accession# [BAG35695.1](#)

Gene Name IRAK2

Gene Alias IRAK-2, MGC150550

Gene Description interleukin-1 receptor-associated kinase 2

Omim ID [603304](#)

Gene Ontology [Hyperlink](#)

Gene Summary IRAK2 encodes the interleukin-1 receptor-associated kinase 2, one of two putative serine/threonine kinases that become associated with the interleukin-1 receptor (IL1R) upon stimulation. IRAK2 is reported to participate in the IL1-induced upregulation of NF-kappaB. [provided by RefSeq]

Other Designations interleukin-1 receptor associated kinase-2

Pathway

- [Apoptosis](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Celiac Disease](#)

- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Osteoporosis](#)
- [Tobacco Use Disorder](#)