



# Recombinant Human Interleukin-1 receptor-associated kinase-like 2 (IRAK2)

<b>Product Code</b>	CSB-BP011810HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43187
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MACYIYQLPS WVLDDLCRNM DALSEWDWME FASYVITDLT QLRKIKSMER VQGV SITREL LWWWGMRQAT VQQLVDLLCR LELYRAAQII LNWKPAPEIR CPIPAFPDSV KPEKPLAASV RKAEDEQE EG QPVRMATFPG PGSSPARAHQ PAFLQPPEED APHSLRSDLP TSSDSKDFST SIPKQEKLLS LAGDSLFWSE ADV VQATDDF NQNRKISQGT FADV RGH RH GKPFVFKKLR ETACSSPGSI ERFFQ AELQI CLRCCHPNVL PVLGFCAARQ FHSFIYPYMA NGSLQDRLQG QGGSDPLPWP QRVSICSGLL CAVEYLHGLE IHSNVKSSN VLLDQNLTPK LAHPMAHLCP VNKRSKYTMM KTHLLRTSAA YLPEDFIRVG QLTRVDIFS CGIVLAEVLT GIPAMDNNRS PVYLKDLLLS DIPSSASLC SRKTGVENV M AKEICQKYLE KGAGRLPEDC AEALATAACL CLRRRNTSLQ EVCGSVAAVE ERLRGRE TLL PWSGLSEG TG SSSNTPEETD DVDNSSLDAS SSMSVAPWAG AATPLLPTEN GEGRLRVIVG READSSSEAC VGLEPPQDVT ETSWQIEINE AKRKL MENIL LYKEEKVDSI ELFGP
<b>Source</b>	Baculovirus
<b>Target Names</b>	IRAK2
<b>Protein Names</b>	Recommended name: Interleukin-1 receptor-associated kinase-like 2 Short name= IRAK-2
<b>Expression Region</b>	1-625
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	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.
<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 concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .