



# Recombinant Human Receptor-interacting serine/threonine-protein kinase 2 (RIPK2)

<b>Product Code</b>	CSB-EP019736HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O43353
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNGEAICSAL PTIPYHKLAD LRYLSRGASG TVSSARHADW RVQVAVKHLH IHTPLLDSEK KVDLREAEIL HKARFSYILP ILGICNEPEF LGIVTEYMPN GSLNELLHRK TEYPDVAWPL RFRILHEIAL GVNYLHNMTPLLLHDLKTQ NILLDNEFHV KIADFGLSKW RMMSLSQSRS SKSAPEGGTI IYMPPENYEP GQKSRASIKH DIYSYAVITW EVLSRKQPFV DVTNPLQIMY SVSQGHRPVI NEESLPYDIP HRARMISLIE SGWAQNPDER PSFLKCLIEL EPVLRTFEEI TFLEAVIQLK KTKLQSVSSA IHLCDKKKME LSLNIPVNHG PQEESCGSSQ LHENSGSPET SRSLPAPQDN DFLSRKAQDC YFMKLHHCPG NHSWDSTISG SQRAAFCDHK TTPCSSAIIN PLSTAGNSER LQPGIAQQWI QSKREDIVNQ MTEACLNQSL DALLSRDLIM KEDYELVSTK PTRTSKVRQL LDTTDIQGEE FAKVIVQKLK DNKQMGLQPY PEILVVSRSR SLNLLQNKSM
<b>Source</b>	E.coli
<b>Target Names</b>	RIPK2
<b>Protein Names</b>	Recommended name: Receptor-interacting serine/threonine-protein kinase 2 EC= 2.7.11.1 Alternative name(s): CARD-containing interleukin-1 beta- converting enzyme-associated kinase Short name= CARD-containing IL-1 beta ICE-kinase RI
<b>Expression Region</b>	1-540
<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>	This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein contains a C-terminal caspase activation and recruitment domain (CARD), and is a component of signaling complexes in both the innate and adaptive immune pathways. It is a potent activator of NF-kappaB and inducer of apoptosis in response to various stimuli.
<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.

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**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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.