Recombinant Mouse Receptor-interacting serine/threonine-protein kinase 2 (Ripk2)

Product Code	CSB-EP019736MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P58801
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MNGDAICSAL PPIPYHKLAD LHYLSRGASG TVSSARHADW RVRVAVKHLH IHTPLLDSER NDILREAEIL HKARFSYILP ILGICNEPEF LGIVTEYMPN GSLNELLHRK TEYPDIAWPL RFRILHEIAL GVNYLHNMNP PLLHHDLKTQ NILLDNEFHV KIADFGLSKW RMMSLSQSRS YKSAPEGGTI IYMPPENYEP GQKSRASVKH DIYSYAVIMW EVLSRKQPFE EVTNPLQIMY SVSQGHRPDT SEENLPFDIP HRGLMISLIQ SGWAQNPDER PSFLKCLIEL EPVLRTFEDI TFLEAVIQLK KAKIQSSSST IHLCDKKMDL SLNIPANHPP QEESCGSSLL SRNTGSPGPS RSLSAPQDKG FLSGAPQDCS SLKAHHCPGN HSWDGIVSVP PGAAFCDRRA SSCSLAVISP FLVEKGSERP PIGIAQQWIQ SKREAIVSQM TEACLNQSLD ALLSRDLIMK EDYELISTKP TRTSKVRQLL DTSDIQGEEF AKVVVQKLKD NKQLGLQPYP EVPVLSKAPP SNFPQNKSL
Source	E.coli
Target Names	Ripk2
Protein Names	Recommended name: Receptor-interacting serine/threonine-protein kinase 2 EC= 2.7.11.1 Alternative name(s): Tyrosine-protein kinase RIPK2 EC= 2.7.10.2
Expression Region	1-539
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.