



# Recombinant Macaca mulatta (Rhesus macaque) Interleukin-1 receptor accessory protein (IL1RAP), partial

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| <b>Product Code</b>      | CSB-EP011623MOW1-B   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P59822   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Macaca mulatta (Rhesus macaque)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | SERCDDWGLD TMRQIQVFED EPARIKCPLF EHFLKFNYST AHSAGLTLIW<br>YWTRQDRDLE EPINFRLPEN RISKEKDWLW FRPTLLNDTG NYTCMLRNTT<br>YCSKVAFFLE VVQKDSCFNS PMKLPVHKLY IEYGIQRITC PNVDGYFPSS<br>VKPTITWYMG CYKIQNFNNV IPEGMNL SFL IAFISNNGNY TCVVYPENG<br>RTFHLTRTLT VKVVGSPKNA VPPVIHSPND HVVYEKEPGE ELLIPCTVYF<br>SFLMDSRNEV WWTIDGKKPD DIPIDVTINE SISHSRTEDE TRTQILSIKK<br>VTSEDLKRSY VCHARSAKGE VAKAATVKQK VPAPRYTVEL ACGFGAT  |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | IL1RAP   |
| <b>Protein Names</b>     | Recommended name: Interleukin-1 receptor accessory protein Short name=<br>IL-1 receptor accessory protein Short name= IL-1RAcP   |
| <b>Expression Region</b> | 21-367   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Extracellular domain   |
| <b>Target Details</b>    | Interleukin 1 induces synthesis of acute phase and proinflammatory proteins<br>during infection, tissue damage, or stress, by forming a complex at the cell<br>membrane with an interleukin 1 receptor and an accessory protein. This gene<br>encodes the interleukin 1 receptor accessory protein. The protein is a necessary<br>part of the interleukin 1 receptor complex which initiates signalling events that<br>result in the activation of interleukin 1-responsive genes. Alternative splicing of<br>this gene results in two transcript variants encoding two different isoforms, one<br>membrane-bound and one soluble. The ratio of soluble to membrane-bound<br>forms increases during acute-phase induction or stress. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>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.