



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

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| Product Code | CSB-EP011623MOW1 |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P59822 |
| Product Type | Recombinant Protein |
| Immunogen Species | <i>Macaca mulatta</i> (Rhesus macaque) |
| Purity | >85% (SDS-PAGE) |
| Sequence | SERCDDWGLD TMRQIQVFED EPARIKCPLF EHFLKFNYSY AHSAGLTLIW YWTRQDRDLE EPINFRLPEN RISKEKDWLW FRPTLLNDTG NYTCMLRNTT YCSKVAFFLE VVQKDSFCNS PMKLPVHKLY IEYGIQRITC PNVDGYFPSS VKPTITWYMG CYKIQNFNNV IPEGMNL SFL IAFISNNGNY TCVVYPENG RTFHLTRTLT VKVVGSPKNA VPPVIHSPND HVVYEKEPGE ELLIPCTVYF SFLMDSRNEV WWTIDGKKPD DIPIDVTINE SISHSRTEDE TRTQILSIKK VTSEDLKRSY VCHARSAKGE VAKAATVKQK VPAPRYTVEL ACGFGAT |
| Source | E.coli |
| Target Names | IL1RAP |
| Protein Names | Recommended name: Interleukin-1 receptor accessory protein Short name= IL-1 receptor accessory protein Short name= IL-1RAcP |
| Expression Region | 21-367 |
| 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 | Extracellular domain |
| Target Details | Interleukin 1 induces synthesis of acute phase and proinflammatory proteins during infection, tissue damage, or stress, by forming a complex at the cell membrane with an interleukin 1 receptor and an accessory protein. This gene encodes the interleukin 1 receptor accessory protein. The protein is a necessary part of the interleukin 1 receptor complex which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in two transcript variants encoding two different isoforms, one membrane-bound and one soluble. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress. |
| 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.