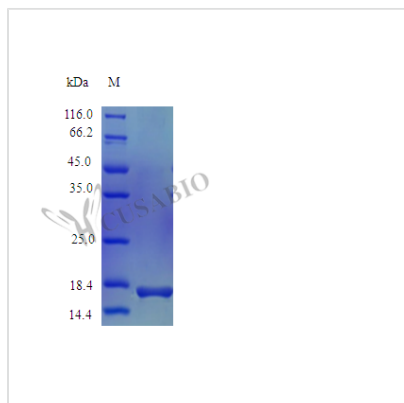




Recombinant Rhesus Macaque Interleukin-1 beta protein (IL1B) (Active)

Product Code	CSB-AP003081MOW
Abbreviation	Recombinant Rhesus macaque IL1B protein (Active)
Uniprot No.	P48090
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Interleukin
Immunogen Species	Macaca mulatta (Rhesus macaque)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine D10.G4.1 cells is less than 10 pg/ml, corresponding to a specific activity of $>1.0 \times 10^8$ IU/mg.
Purity	$\geq 98\%$ as determined by SDS-PAGE.
Sequence	APVRS L HCTL RDAQ L KSLVM SGPYELKALH LQGQDLEQQV VFSMSFVQGE ESNDKIPVAL GLKAKNLYLS CVLKDDKPTL QLESVDPK N Y P K K K MEKRFV FNKIEINNKL EFESAQFPNW YISTSQAENM PVFLGGTRGG QDITDFTMQF VSS
Research Area	Immunology
Source	E.coli
Target Names	IL1B
Expression Region	117-269aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	17.3 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	7561102

Image



Endotoxin	Less than 1.0 EU/ μ g as determined by LAL method.
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.