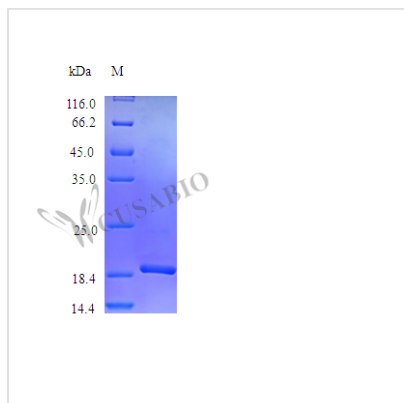




Recombinant Mouse Interleukin-11 protein (Il11) (Active)

Product Code	CSB-AP003361MO
Abbreviation	Recombinant Mouse Il11 protein (Active)
Uniprot No.	P47873
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Interleukin
Immunogen Species	Mus musculus (Mouse)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine T11 cells is less than 2 ng/ml, corresponding to a specific activity of >5.0x10 ⁵ IU/mg.
Purity	≥97% as determined by SDS-PAGE.
Sequence	M+PGPPAGSPR VSSDPRADLD SAVLLTRSLI ADTRQLAAQM RDKFPADGDHSLDSLPTLAM SAGTLGSLQL PGVLRRLRVD LMSYLRHVQW LRRAGGPSLKTLEPELGALQ ARLERLLRRL QLLMSRLALP QAAPDQPVIP LGPPASAWGSIRAAHAILGG LHLLTDWAVR GLLLLKTRL
Research Area	Immunology
Source	E.coli
Target Names	Il11
Expression Region	22-199aa
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	19.1 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	8913282; 10026196; 22253262; 23948300

Image


Endotoxin

Less than 1.0 EU/μg 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.