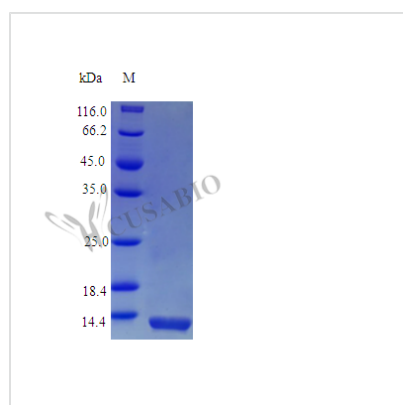




Recombinant Mouse Pro-interleukin-16 [Cleaved into: Interleukin-16 protein (Il16) (Active)]

Product Code	CSB-AP003381MO
Abbreviation	Recombinant Mouse Il16 protein (Active)
Uniprot No.	O54824
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 biological activity determined by a chemotaxis bioassay using human peripheral T lymphocytes is in a concentration range of 1.0-100 ng/ml.
Purity	≥98% as determined by SDS-PAGE.
Sequence	SAASASAASD ISVESKEATV CTVTLEK TSA GLGFSLEGGK GSLHGDKPLT INRIFKGTEQ GEMVQPGDEI LQLAGTAVQG LTRFEAWNVI KALPDGPVTI VIRRTSLQCK QTTASADS
Research Area	Immunology
Source	E.coli
Target Names	Il16
Expression Region	1205-1322aa
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	12.2 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	9637508; 9510557; 10479680; 16141072; 15489334; 21183079

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.