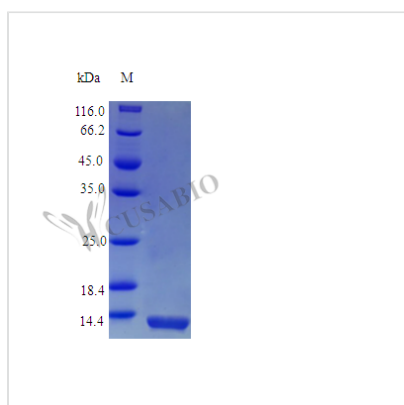




Recombinant Mouse Interleukin-4 protein (IL4) (Active)

Product Code	CSB-AP003301MO
Abbreviation	Recombinant Mouse IL4 protein (Active)
Uniprot No.	P07750
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 the dose-dependant proliferation of Murine HT-2 cells is less then 2 ng/ml, corresponding to a Specific Activity of >5x10 ⁵ IU/mg.
Purity	≥97% as determined by SDS-PAGE.
Sequence	M+HIHGCDKNH LREIIGILNE VTGEGTPCTE MDVPNVLTAT KNTTESELVC RASKVLRIFY LKHGKTPCLK KNSSVLMELQ RLFRAFRCLD SSISCTMNES KSTSLKDFLE SLKSIMQMDY S
Research Area	Immunology
Source	E.coli
Target Names	IL4
Expression Region	21-140aa
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	13.5 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	3005865; 3029676; 3083412; 3498301; 15489334; 1993171

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.