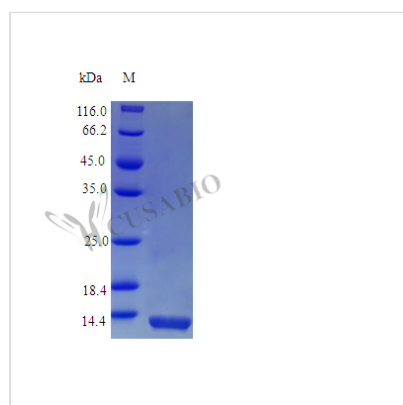




# Recombinant Mouse Interleukin-4 protein (IL4) (Active)

<b>Product Code</b>	CSB-AP003301MO
<b>Abbreviation</b>	Recombinant Mouse IL4 protein (Active)
<b>Uniprot No.</b>	P07750
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered , PBS, pH 7.4
<b>Product Type</b>	Interleukin
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Biological Activity</b>	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 <sup>5</sup> IU/mg.
<b>Purity</b>	>97% as determined by SDS-PAGE.
<b>Sequence</b>	M+HIHGCDKNH LREIIGILNE VTGEGTPCTE MDVPNVLAT KNTTESELVC RASKVLRIFY LKHGKTPCLK KNSSVLMELQ RLFRAFRCCLD SSISCTMNES KSTSLKDFLE SLKSIMQMDY S
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Target Names</b>	IL4
<b>Expression Region</b>	21-140aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag-Free
<b>Mol. Weight</b>	13.5 kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>PubMed ID</b>	3005865; 3029676; 3083412; 3498301; 15489334; 1993171

## Image





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**Endotoxin**

Less than 1.0 EU/ $\mu$ g as determined by LAL method.

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**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.

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**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.