



Recombinant Mouse Interleukin-3 protein (Il3), partial (Active)

Product Code	CSB-AP003291MO
Abbreviation	Recombinant Mouse Il3 protein, partial (Active)
Uniprot No.	P01586
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-dependent stimulation of the proliferation of murine M-NFS-60 cells is less than 0.05 ng/ml, corresponding to a specific activity of >2x10 ⁷ IU/mg.
Purity	≥98% as determined by SDS-PAGE.
Sequence	DTHRLTRLN CSSIVKEIIG KLPEPELKTD DEGPSLRNKS FRRVNLSKFV ESQGEVDPED RYVIKSNLQK LNCCLPTSAN DSALPGVFIR DLDDFRKKLR FYMVHLNDLE TVLTSRPPQP ASGSVSPNRG TVEC
Research Area	Immunology
Source	E.Coli
Target Names	Il3
Expression Region	33-166aa
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	14.8 kDa
Protein Length	Partial
PubMed ID	6420702; 6322187; 3918308; 3926497; 3935516; 1445902; 21329364

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.