



Recombinant Rhesus Macaque Interleukin-3 protein (IL3) (Active)

Product Code	CSB-AP001981MOW
Abbreviation	Recombinant Rhesus macaque IL3 protein (Active)
Uniprot No.	P25140
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4, 5 % trehalose
Product Type	Interleukin
Immunogen Species	Macaca mulatta (Rhesus macaque)
Biological Activity	Assay #1: Fully biologically active when compared to standard. The ED50 as determined by the dose- dependent stimulation of the proliferation of murine NFS-60 cells is less than 5.0 ng/ml, corresponding to a specific activity of $>2 \times 10^5$ IU/mg. Assay #2: The ED50 as determined by a cell proliferation assay using human TF-1 cells is less than 0.05 ng/ml, corresponding to a specific activity of $>2.0 \times 10^7$ IU/mg.
Purity	$\geq 98\%$ as determined by SDS-PAGE.
Sequence	APMTQTTSK TSWAKCSNMI DEIITHLNQP PLPSPDFNNL NEEDQTILVE KNLRRSNLEA FSKAVKSLQN ASAIESILKN LPPCLPMATA APTRPPIRIT NGDRNDFRRK LKFYKLTLEN EQAQ
Research Area	Immunology
Source	E.coli
Target Names	IL3
Expression Region	20-143aa
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	14.0 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	2251147; 2257297
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.