

# Rhesus Macaque IL 3 Recombinant Protein



RPPB0502

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## Product Information   Protein Information

### Product SKU:

RPPB0502

### Host:

Escherichia Coli.

### Protein description:

IL 3 Rhesus Macaque Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 124 amino acids and having a molecular mass of 14.0kDa. The IL 3 Rhesus Macaque is purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

### Synonyms:

MCGF (Mast cell growth factor), Multi-CSF, HCGF, P-cell stimulation factor, IL-3, MGC79398, MGC79399

### Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

### Purity:

Greater than 97.0% as determined by SDS-PAGE.

### Solubility:

It is recommended to reconstitute the lyophilized IL-3 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

### Stability:

Lyophilized IL-3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL-3 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

### Amino Acid Sequence:

APMTQTSLK TSWAKCSNMI DEIITHLNQP PLPSPDFNNL NEEDQTILVE KNLRRSNLEA FSKAVKSLQN  
ASAIESILKN LPPCLPMATA APTRPPIRIT NGDRNDFRRK LKFYKLTLEN EQAQ

### Biological Activity:

The ED<sub>50</sub> as determined by the dose-dependant stimulation of the proliferation of human TF-1 cells is less than 0.1ng/ml, corresponding to a Specific Activity of 10,000,000IU/mg.