



## Rhesus Macaque IL-5

### Rhesus Macaque Interleukin-5, recombinant

Synonyms: Interleukin-5, IL-5, Eosinophil differentiation factor, T-cell replacing factor, TRF, IL5.

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order#	Lot#	Expiry Date
2 µg	1520.900.002		
10 µg	1520.900.010		
1 mg	1520.900.199		

Please enquire for bulk quantities and other vial sizes.

### Description

IL5 Rhesus Macaque Recombinant produced in *E.Coli* is a disulfide-linked homodimeric, non-glycosylated, polypeptide protein containing 2 x115 amino acids chains and having a total molecular mass of 26.1 kDa.

- **Biological Activity**  $\geq 2 \times 10^5$  IU/mg
- **Source** *E. coli*
- **Purity**  $\geq 98\%$  (SDS-PAGE, HPLC)
- **Endotoxin Level**  $\leq 0.1$  ng/µg ( $\leq 1$  EU/µg)
- **Buffer** Lyophilized from a 0.2µm filtered concentrated solution in 1 xPBS, pH 7.4 and 5% Trehalose\*
- **Physical State** Sterile filtered, lyophilized

### Biological Activity

The ED<sub>50</sub> as determined by a cell proliferation assay using human TF-1 cells is less than 5 ng/ml, corresponding to a specific activity of  $> 2.0 \times 10^5$  IU/mg.

### Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. **Do not vortex.**

### Stability

Lyophilized IL-5 Rhesus Macaque although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL5 Rhesus Macaque should be stored at 4°C between 2-7 days and for future use below -18°C. **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

IPTEIPASAL VKETLALLST HRTLLIANET LRIPVPVHKN HQLCTEEIFQ GIGTLESQTV QGGTVERLFLK  
 NLSLIKYYIG GQKKKCGEER RRVNQFLDYL QEFLGVMNTE WIIES

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.