

PRODUCT DATA SHEET



Bioworld Technology, Inc.

Recombinant Rhesus macaque Interleukin-8 (rRhIL-8)

Catalog Number: PR5002

Source: Escherichia coli.

Quantity: 5µg/25µg/1.0mg

Description

Interleukin-8 (C-X-C motif chemokine 8) is coded by the interleukin 8 gene on the chromosome 5 in Rhesus macaque (*Macaca mulatta*), which is not only 94% identical to human IL-8 but also structurally and functionally similar with the human equivalent. Provide a valuable resource for a primate model of inflammation.

Molecular Weight:

Approximately 9.14kD containing 79 amino acid residues.

Purity:

>95% by SDS-PAGE and HPLC analyses.

Biological Activity:

Data not available

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

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

AA Sequence:

A V L P R S A K E L R C E C I K T Y S K P F H P K F I K
E L R V I E S G P H C A N T E I I V K L S D G R E L C L

D P K E P W V Q R V V E K F V K R A E N Q N P

Endotoxin:

Less than 1EU/µg of rRhIL-8 as determined by LAL method.

Reconstitution:

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20°C. Further dilutions should be made in appropriate buffered solutions.

Storage:

This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Usage:

This material is offered by USA Bioworld biotech for research, laboratory or further evaluation purposes. NOT FOR HUMAN USE. Made in China

Bioworld Technology, Inc.

1660 South Highway 100, Suite 500 St. Louis Park, MN

55416, USA.

Tel: 6123263284

Email: info@bioworld.com

Fax: 6122933841

MADE IN CHINA

Bioworld technology, co, Ltd.

No 9, weidi road Qixia District Nanjing, 210046, P, R.China.

Tel: 0086-025-86371664

Email: info@biogot.com

Fax: 0086-025-86213570