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YB90080Si01
Interleukin 8 (IL8)
Organism: Rhesus monkey (Simian)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

1th Edition (Revised in February, 2012)

[DESCRIPTION]

Protein Names: Interleukin 8

Gene Names: IL8

Size: 100µg

Source: Recombinant

Expression Host: *E.coli*

Function: IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus.

Subcellular Location: Secreted

[PROPERTIES]

Residues: Ala23~Pro101 (Accession # P67813), with a N-terminal His-tag.

Grade & Purity: >97%, 13 kDa as determined by SDS-PAGE reducing conditions.

Form & Buffer: Supplied as lyophilized form in PBS, pH 7.4.

Endotoxin Level: <1.0 EU per 1µg(determined by the LAL method).

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

Predicted Molecular Mass: 13.0 kDa



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[PREPARATION]

Reconstitute in PBS.

[STORAGE AND STABILITY]

Storage: Store at 4°C for short term storage (1-2 weeks). Aliquot and store at -20°C or -80°C for long term storage. Avoid repeated freeze/thaw cycles.

Valid period: 12 months stored at -80°C.

[BACKGROUND]

The target protein is fused with a His-tag and its sequence is listed below.

MGSSHHHHHSSGLVPRGSHMASMTGGQQMGRGSEF-AVLPRSAK ELRCECIKTY SKPFHPKFIK
ELRVIESGPH CANTEIIVKL SDGRELCLDP KEPWVQRVVE KFKRAENQN P

[REFERENCES]

1. Minnerly J.C., et.al. (1995) Inflammation 19:313-331.
2. Villinger F.J., et.al. (1995) J. Immunol. 155:3946-3954.