

## **Product Data Sheet**

## Recombinant Human IL8 Protein (Ser28-Ser99)

Catalog # Source Reactivity Applications

CRP1819 E. coli Human E, WB, SDS-PAGE, MS

**Description** Recombinant Human IL8 Protein (Ser28-Ser99) is produced by our E. coli expression

system and the target gene encoding Ser28-Ser99 is expressed.

Form Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol IL8

Alternative Names CXCL8; Interleukin-8; IL-8; C-X-C motif chemokine 8; Emoctakin; Granulocyte

chemotactic protein 1; GCP-1; Monocyte-derived neutrophil chemotactic factor;

MDNCF; Monocyte-derived neutrophil-activating peptide; MONAP;

Neutrophil-activating protein 1; NAP-1;

Entrez Gene 3576 (Human)

SwissProt P10145 (Human)

Purity Greater than 95% as determined by RP-HPLC and reducing SDS-PAGE.

Chemical Structure SAKELRCQCI KTYSKPFHPK FIKELRVIES GPHCANTEII VKLSDGRELC LDPKENWVQR

**VVEKFLKRAE NS** 

Quality Control Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not

recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature

for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

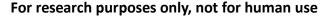
Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC-Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb-Rabbit, S- Sheep, Z- Zebrafish

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