

# Recombinant Human IL-8 protein(GST tag)

Catalog Number:PDEH100113



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

### Synonyms

C-X-C motif chemokine 8;Chemokine (C-X-C motif) ligand 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;Protein 3-10C;T-cell chemotactic factor;GCP/IL-8 protein IV;IL8/NAP1 form I;(Ala-IL-8)77;GCP/IL-8 protein II;IL-8(1-77);IL8/NAP1 form II;MDNCF-b;(Ser-IL-8)72;GCP/IL-8 protein I;IL8/NAP1 form III;Lymphocyte-derived neutrophil-activating factor;LYNAP;MDNCF-c;Neutrophil-activating factor;NAF;GCP/IL-8 protein V;IL8/NAP1 form IV;GCP/IL-8 protein VI;IL8/NAP1 form V;GCP/IL-8 protein III;IL8/NAP1 form VI;IL8

### Species

Human

### Expression Host

E.coli

### Sequence

Ser28-Ser99

### Accession

P10145

### Calculated Molecular Weight

34.3 kDa

### Observed molecular weight

9 kDa&35 kDa

### Tag

N-GST

## Properties

### Purity

> 85 % as determined by reducing SDS-PAGE.

### Endotoxin

Please contact us for more information.

### Storage

Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

### Shipping

This product is provided as lyophilized powder which is shipped with ice packs.

### Formulation

Lyophilized from sterile PBS, pH 7.4.

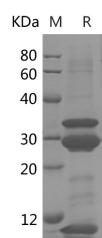
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

### Reconstitution

Please refer to the printed manual for detailed information.

## Data



> 85 % as determined by reducing SDS-PAGE.

## Background

## For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Tel: 1-832-243-6086

Fax: 1-832-243-6017

Web: [www.elabscience.com](http://www.elabscience.com)

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

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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. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.

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Tel: 1-832-243-6086

Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017