

## Mouse CXCL10, His Tag, E. coli

<b>Catalog Number</b>	LDG012PME
<b>Package</b>	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Specifications

#### Species of Origin

Mouse

#### Expression System

Escherichia coli

#### Affinity Tag

His Tag (N-term)

#### Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Purity

>98% as determined by SDS-PAGE analysis.

#### Molecular weight

The protein has a calculated MW of 9.47 kDa.  
The protein migrates as 7-11 kDa under reducing condition (SDS-PAGE analysis).

#### Activity

Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.

#### Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Form

Lyophilized

### Background

#### Tainan Headquarters

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#### CLD Center

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### Background

C-X-C motif chemokine 10 (CXCL10) also named Interferon gamma-induced protein 10 (IP-10), which is a chemokine of the intercrine alpha family. CXCL10 is a 8.55 kDa protein containing 77 amino acid residues. CXCL10 is produced by the several cell types like monocytes and endothelial cells, which are responded for IFN $\gamma$ . CXCL10 is a chemotaxis for T cells, NK cells and macrophages. CXCL10 also binds the CXCR3 that induces the cell migration and activation like T cells and dendritic cells.

### Uniprot ID

P17515

### Synonyms

C-X-C motif chemokine 10, 10 kDa interferon gamma-induced protein, Gamma-IP10, IP-10, C7, Interferon-gamma induced protein CRG-2, Small-inducible cytokine B10

### Sequence Note

Pro23-Pro98

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H $_2$ O to a concentration of 200  $\mu$ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

### Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

### Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

## Image

### Tainan Headquarters

+886-6-2536677

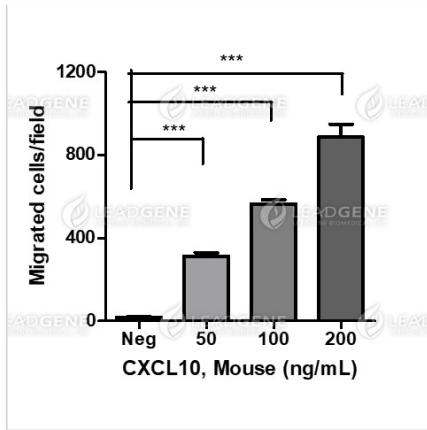
bd@leadgene.com.tw

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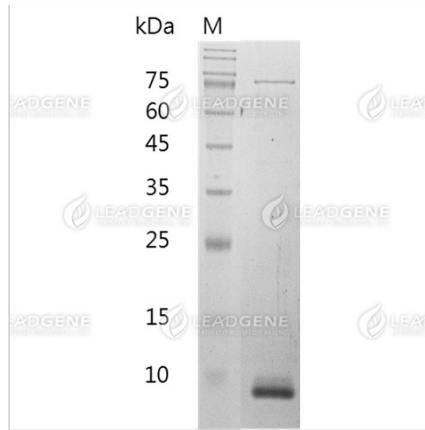
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Activity analysis of recombinant Mouse CXCL10, His Tag, E. coli. Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.



SDS-PAGE analysis of recombinant mouse CXCL10.

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