

## Mouse CXCL11, His Tag, E. coli

Catalog Number	LDG013PME
Package	5 µg / 20 µg / 100 µg / Customized package

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



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

His Tag (N-term)

#### Purity

>98% as determined by SDS-PAGE analysis.

#### Activity

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

#### Form

Lyophilized

#### Expression system

Escherichia coli

#### Buffer

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

#### Molecular weight

The protein has a calculated MW of 9.92 kDa. The protein migrates about 13 kDa under reducing condition (SDS-PAGE analysis).

#### Endotoxin level

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

### Background

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#### CLD Center

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### Background

C-X-C motif chemokine 11 (CXCL11) also named Interferon-gamma-inducible protein 9 (IP-9), which is a chemokine of the intercrine alpha family. CXCL11 is a 8.8 kDa protein containing 79 amino acid residues. To CXCR3, CXCL11 has higher affinity than CXCL10 and CXCL9 which plays a role in immune activation. CXCL11 induces the activation of T cells which is also a chemotaxis for T cells. CXCL11 is produced in response for IFN Family.

### Uniprot ID

Q9JHH5

### Synonyms

C-X-C motif chemokine 11, Interferon-inducible T-cell alpha chemoattractant, I-TAC, Small-inducible cytokine B11

### Sequence Note

Phe22-Met110

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of 200 µg/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 Headquarter

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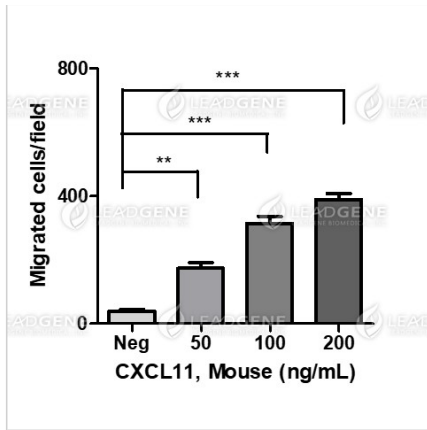
bd@leadgene.com.tw

### Innovation & Research Center

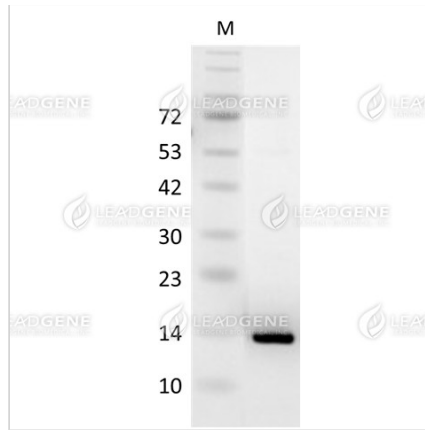
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Activity analysis of recombinant Mouse CXCL11, His Tag, E. coli. Measure by its ability to chemoattract human THP1 cells using a concentration range of 50-100 ng/mL.



SDS-PAGE analysis of recombinant mouse CXCL11.

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