

Human CXCL5, His Tag, E. coli

Catalog Number	LDG157PHE
Package	5 µg / 20 µg / 100 µg / Customized package

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



Specifications

Species of Origin

Human

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 8.51 kDa.
The protein migrates as 12 kDa under reducing condition (SDS-PAGE analysis).

Activity

Measure by its ability to chemoattract human THP1 cells using a concentration range of 10-100 ng/mL.
Activity analysis of recombinant Human CXCL5, His Tag, E. coli.

Endotoxin Level

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

Form

Lyophilized

Background

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Background

C-X-C motif chemokine 5 (CXCL5) also named epithelial-derived neutrophil-activating peptide 78 (ENA-78), which is a chemokine of the intercrine alpha family. CXCL5 is a 8kDa protein containing 70 amino acid residues. CXCL5 is stimulated by the IL-1 or TNF α during inflammation which produced by the eosinophils and CXCL5 is inhibited by the IFN γ . CXCL5 promotes the formation of blood vessels and angiogenesis by binding the cell receptor CXCR2.

Uniprot ID

P42830 1

Synonyms

C-X-C motif chemokine 5, Epithelial-derived neutrophil-activating protein 78, Neutrophil-activating peptide ENA-78, Small-inducible cytokine B5

Sequence Note

Arg45-Asn114

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 200 μ 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

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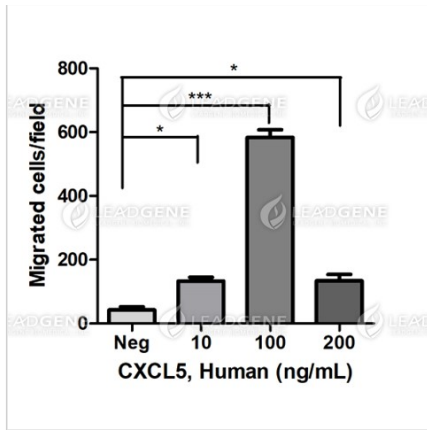
✉ bd@leadgene.com.tw

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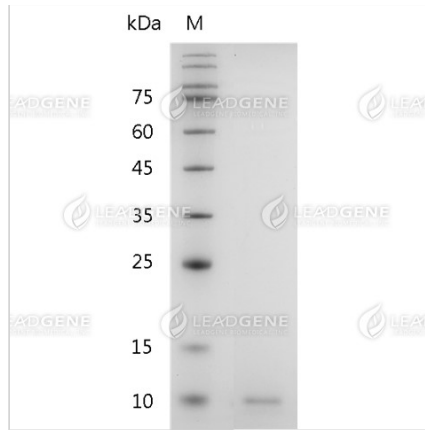
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SDS-PAGE analysis of recombinant human CXCL5.

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