

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

Affinity Tag

His Tag (N-term)

Purity

>98% as determined by SDS-PAGE analysis.

Activity

Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED₅₀ for this effect is <10 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 8.51 kDa. The protein migrates as 12 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

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

Background

Tainan Headquarter

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

Taipei Office

+886-2-27065528

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 not less than 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.

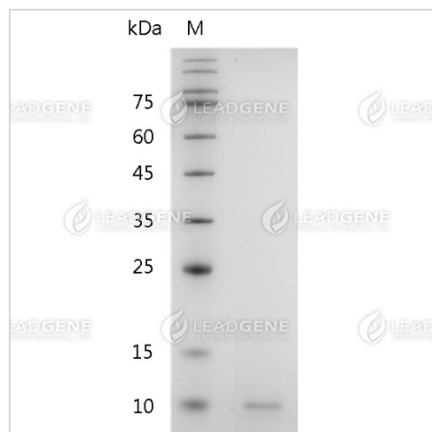
Image**Tainan Headquarter**

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

Taipei Office

+886-2-27065528



SDS-PAGE analysis of
recombinant human CXCL5.

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter

+886-6-2536677 +886-6-2531536

info@leadgene.com.tw

Taipei Office

+886-2-27065528