Swine CXCL13, His Tag, E. coli

Catalog Number	LDG005PSE
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit our website.

Specifications

Species of Origin

Swine

Expression system

Escherichia coli

Affinity Tag

His Tag (N-term)

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 10.81 kDa. The protein migrates about 11 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

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

Form

Lyophilized

Background

Background

C-X-C motif chemokine 13 (CXCL13) also named B lymphocyte chemoattractant (BLC), which is a chemokine of the intercrine alpha family. CXCL13 is a 9.8kDa protein containing 88 amino acid residues. CXCL13 is a chemotaxis for B lymphocyte. CXCL13 induces the cell proliferation though the AKT signal pathway which plays an key role intestinal cancer model. CXCL13 /CXCR5 axis is highly existed in gut, spleen and lymph nodes.

Uniprot ID

#XP_003129149 1

Sequence Note

Val24-Ala111

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

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

Stability & Storage
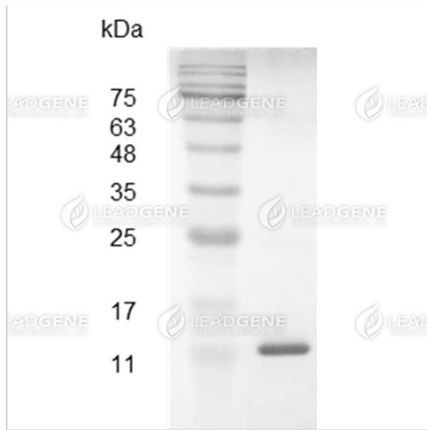
This product is stable after storage at:

- -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.

Image

SDS-PAGE analysis of
recombinant swine CXCL13.

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