Swine CXCL11, His Tag, E. coli

Catalog Number	LDG004PSE
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 9.72 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

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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 8.8kDa 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

NP_001121963 1

Sequence Note

Phe22-Val100

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 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

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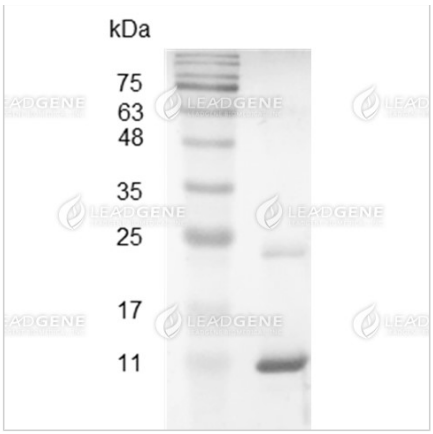

SDS-PAGE analysis of recombinant swine CXCL11.

Disclaimer : For Research Use or Further Manufacturing Only.

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