

Human IL-26, His Tag, E. coli

Catalog Number LDG030PHE

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 (C-term)

Purity

>98% as determined by SDS-PAGE analysis.

Activity

Measure by its ability to induce IL-10 secretion in COLO205 cells. The ED₅₀ for this effect is <150 ng/mL.

Form

Lyophilized

Expression system

Escherichia coli

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.

Molecular weight

The protein has a calculated MW of 18.53 kDa. The protein migrates as 18 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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Background

Interleukin 26 (IL-26) predicts a molecular mass of 19.8 kDa, is expressed in certain herpesvirus-transformed T cells but not in primary stimulated T cells. T helper 1 cells and Th17 memory CD4+ cells are the major sources of IL-26. More accurately, IL-26 is expressed by pro-inflammatory IL-17 producing T cells in chronically inflamed tissues.

Uniprot ID

#Q9NPH9

Synonyms

Protein AK155, Interleukin-26

Sequence Note

Lys22-Gln171

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 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 2 weeks 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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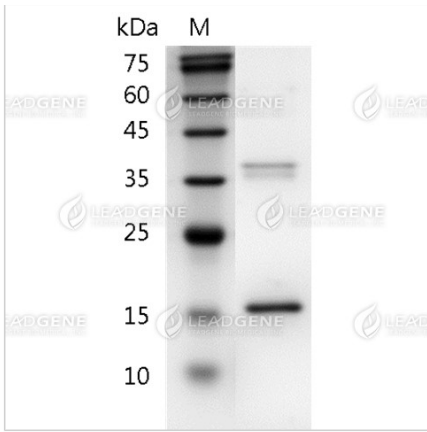
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SDS-PAGE analysis of recombinant human IL-26.

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