

Human LAG-3, His Tag, HEK293

Catalog Number LDG025PHM

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

>95% as determined by SDS-PAGE analysis.

Endotoxin Level

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

Expression System

HEK293

Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular weight

The protein has a calculated MW of 47kDa. The protein migrates as 60 kDa under reducing condition (SDS-PAGE analysis).

Form

Lyophilized

Background

Tainan Headquarter

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Background

LAG-3, or Lymphocyte-activation gene 3, is a protein receptor expressed on the surface of certain immune cells, notably T cells and natural killer cells. It plays a pivotal role in regulating immune responses by inhibiting the activation and proliferation of T cells. LAG-3 is involved in immune tolerance and suppression, making it a promising target for immunotherapy in various diseases, including cancer and autoimmune disorders. Blocking LAG-3 can enhance anti-tumor immune responses, while agonists can suppress excessive immune activation. Studying LAG-3 function provides insights into immune regulation and therapeutic strategies.

Uniprot ID

P18627

Synonyms

CD233, FDC

Sequence Note

Met1-Leu450

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 0.2 mg/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:

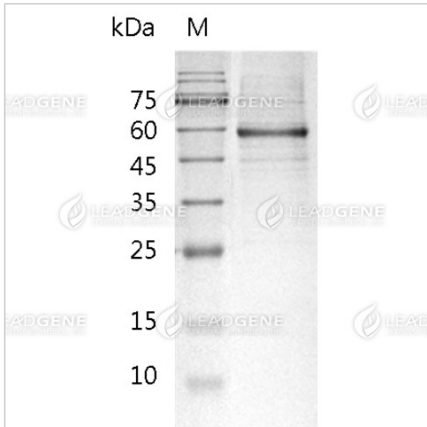
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

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



SDS-PAGE analysis of recombinant human LAG-3 protein.