

Mouse VISTA, His Tag, CHO

Catalog Number	LDG015PMM
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Mouse

Expression system

CHO

Affinity Tag

His Tag (C-term)

Buffer

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

Purity

>95% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated MW of 18.57 kDa.
The protein migrates as 30-42 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

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

Mycoplasma

Not detected

Form

Lyophilized

Background

Tainan Headquarter

+886-6-2536677

bd@leadgene.com.tw

Innovation & Research Center

+886-2-27065528

CLD Center

+886-6-2536677

Background

VISTA (V-domain Ig suppressor of T cell activation) protein, a member of the B7 family, acts as a negative regulator of T cell activation and inflammation. Primarily expressed on myeloid cells and T cells, VISTA inhibits T cell proliferation and cytokine production upon engagement with its receptor. Its immunosuppressive role is crucial in maintaining immune tolerance and preventing excessive inflammation. However, in cancer, VISTA overexpression can contribute to immune evasion by tumors. Understanding VISTA's immunomodulatory functions is pivotal for developing targeted immunotherapies to enhance anti-tumor immune responses while avoiding autoimmune reactions.

Uniprot ID

Q9D659

Synonyms

Platelet receptor Gi24, V-set domain-containing immunoregulatory receptor, V-set immunoregulatory receptor

Sequence Note

Met1-Ala191

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 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:

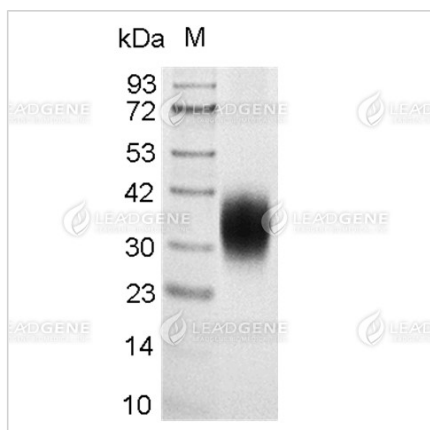
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

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 mouse VISTA.

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