

## Mouse VISTA, His Tag, CHO

Catalog Number LDG015PMM

Package

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



### Specifications

#### Species of Origin

Mouse

#### 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

CHO

#### Storage Buffer

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

#### 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).

#### Form

Lyophilized

### Background

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### 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 H<sub>2</sub>O 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.

### Shipping

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

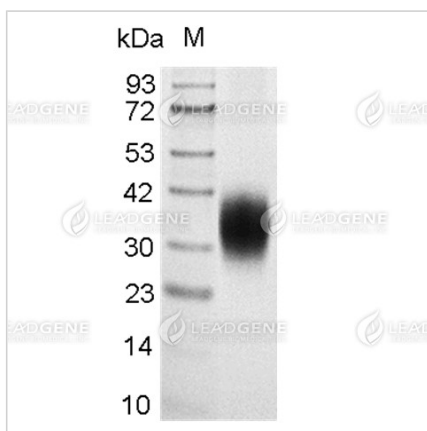
### Stability & Storage

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 mouse VISTA.

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