

## Recombinant

## Background

## Basic Information

Biotinylated Recombinant Human LAG-3/CD223 Protein is produced by Expi293 expression system. The target protein is expressed with sequence (Leu23-Gly434) of Human LAG-3/CD223 fused with a His and Avi tag at the C-terminal.

## Bio-Activity

## Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

## Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

< 1 EU/μg of the protein by LAL method.

## Formulation

Lyophilized from a 0.22  $\mu\text{m}$  filtered solution of PBS, pH 7.4.

## Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

## Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

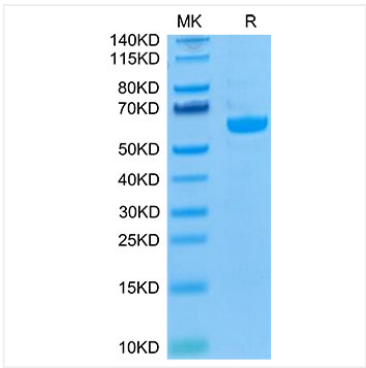
## Contact

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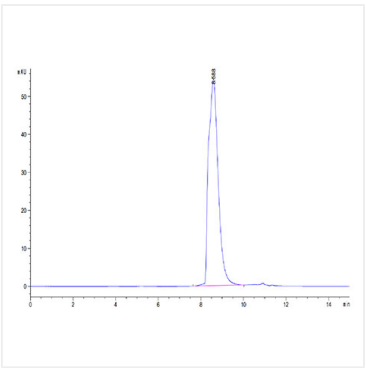
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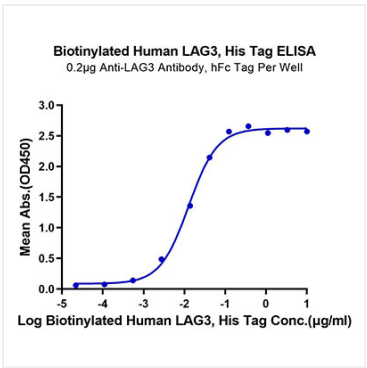
Validation Data



Biotinylated Recombinant Human LAG-3/CD223 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human LAG3 is greater than 95% as determined by SEC-HPLC.



Immobilized Anti-LAG3 Antibody, hFc Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human LAG3, His Tag with the EC<sub>50</sub> of 12.7ng/ml determined by ELISA.