

Catalog No.: RP00193 **Recombinant**

Species	Gene ID	Swiss Prot
Human	3902	P18627-1

C-His

LAG3:CD223

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

Calculated MW	Observed MW
47.02 kDa	60 kDa

< 0.1 EU/μg of the protein by LAL method.

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Centrifuge the vial 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.

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Recombinant Human LAG-3/CD223 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Leu23-Leu450) of human LAG-3/CD223 (Accession #NP_002277.4) fused with a 6xHis tag at the C-terminus.

1. Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human LAG3 at 2 µg/mL (100 µL/well) can bind Anti-LAG3 antibody with a linear range of 13-40 ng/mL. 2. Measured by its binding ability in a functional ELISA. Immobilized Human FGL1 at 5 µg/mL (100 µL/well) can bind recombinant Human LAG3, the EC₅₀ of Human LAG3 is 0.32 µg/mL.

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

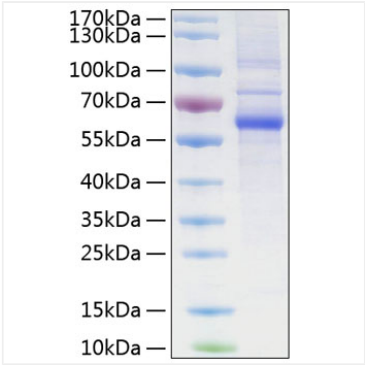
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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

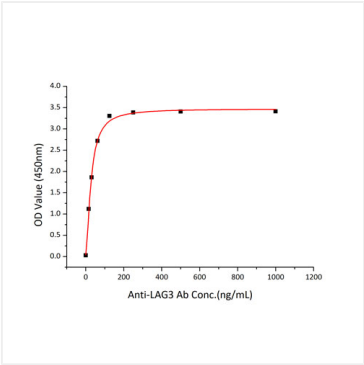
Avoid repeated freeze/thaw cycles.

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

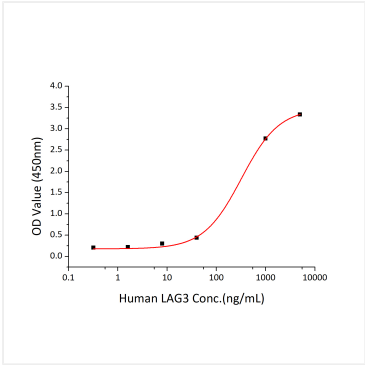
Validation Data



Recombinant Human LAG-3/CD223 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



Immobilized Recombinant Human LAG3 at 2µg/mL (100 µL/well) can bind Anti-LAG3 antibody with a linear range of 13-40 ng/mL.



Immobilized Recombinant Human FGL1 at 5 µg/mL (100 µL/well) can bind recombinant Human LAG3, the EC₅₀ of Human LAG3 is 0.32 µg/mL.