Recombinant Human LAG-3/CD223 Protein

Catalog No.: RP00193

www.abclonal.com

Sequence Information

Species
Human

Gene ID
3902

Swiss Prot
P18627-1

Tags
C-His

Synonyms
LAG3,CD223

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
47.02 kDa

Observed MW
55-70 kDa

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

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

Reconstitution
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description
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 6×His tag at the C-terminus.

Activity
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 EC_{50} of Human LAG3 is 0.32 μg/mL.

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

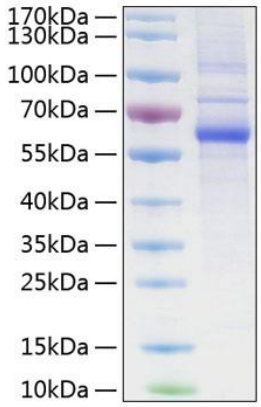
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

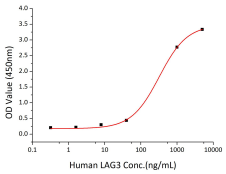
400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

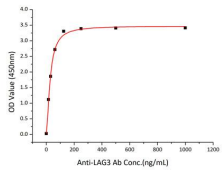
Validation Data



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



Immobilized Recombinant Human FGL1 at 5 μg/mL (100 μL/well) can bind recombinant Human LAG3, the EC_{50} of Human LAG3 is 0.32 μg/mL.



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