Recombinant Human CD24 Protein

Catalog No.: RP01229

Sequence Information

Species
Human

Gene ID
100133941

Swiss Prot
P25063

Tags
C-hFc

Synonyms
CD24,CD24A,CD24 molecule, CD247

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE;≥95 % as determined by HPLC.

Calculated MW
31.85 kDa

Observed MW
40-50 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 CD24 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Met1-Gly59) of human CD24 (Accession #NP_037362) fused with a Fc tag at the C-terminus.

Activity
Measured by its binding ability in a functional ELISA.Immobilized Human CD24 at 2 μg/mL (100 μL/well) can bind Human Siglec10 with a linear range of 1-764 ng/mL.
2.Measured by its binding ability in a functional ELISA.Immobilized PE Mouse Anti-Human CD24 at 1μg/mL (25 μL/well) can bind Human CD24 with a linear range of 0.46-28.4ng/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℃

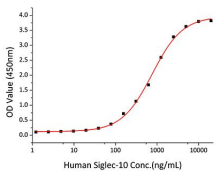
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

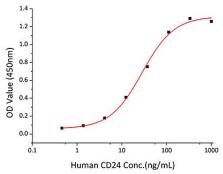
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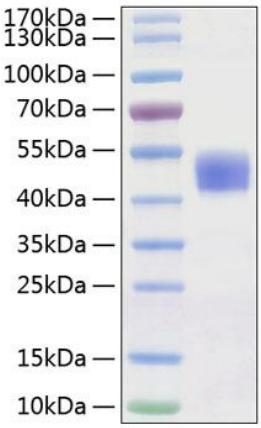
Validation Data



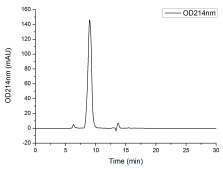
Immobilized Human CD24 at 2 μg/mL (100 μL/well) can bind Human Siglec10 with a linear range of 1-764 ng/mL.



Immobilized PE Mouse Anti-Human CD24 at 1μg/mL (25 μL/well) can bind Human CD24 with a linear range of 0.46-28.4ng/mL.



Recombinant Human CD24 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of human CD24 Protein (Cat.RP01229) was greater than 95% as determined by SEC-HPLC.

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