

RP00545B

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Biotinylated Recombinant Human CD24 Protein

Catalog No.: RP00545B

Recombinant

Sequence Information

Species HEK293 cells
Gene ID 100133941
Swiss Prot P25063-1

Tags

C-His&Avi

Synonyms

CD 24; CD24 molecule; CD24A;
FLJ22950; FLJ43543; MGC75043

Product Information

Source

Purification

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

Endotoxin

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

Formulation

Lyophilized from 0.22 μm filtered
solution in PBS (pH 7.4). Normally 8%
trehalose is added as protectant
before lyophilization.

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

Background

CD24 is a sialoglycoprotein expressed at the surface of most B lymphocytes and differentiating neuroblasts. It is also expressed on neutrophils and neutrophil precursors from the myelocyte stage onwards. The potential for targeting CD24 in cancer therapy seems promising, as CD24 is overexpressed in many human cancers.

Basic Information

Description

Biotinylated Recombinant Human CD24 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser27-Gly59) of Human CD24 (Accession #P25063-1) fused with a C-His&Avi tag at the C-terminus.

Bio-Activity

Shipping

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

Operational Notes

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

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.

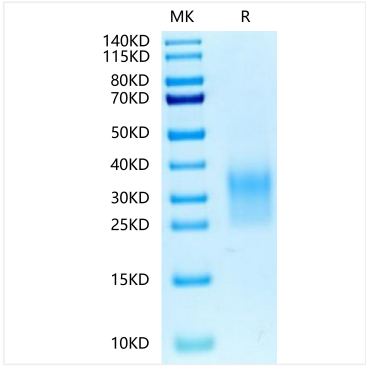
Contact



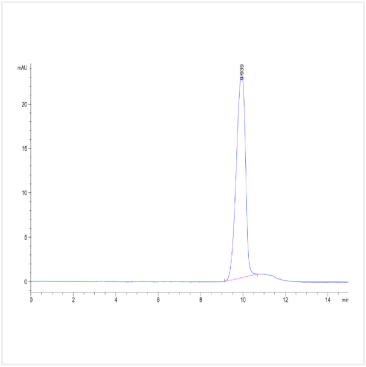
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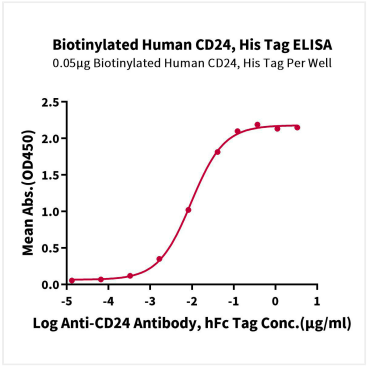
Validation Data



Biotinylated Recombinant Human CD24 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Biotinylated Human CD24 is greater than 95% as determined by SEC-HPLC.



Immobilized Biotinylated Human CD24, His Tag at 0.5 μg/mL (100 μL/well) on the streptavidin precoated plate (5 μg/mL). Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC₅₀ of 9.6ng/mL determined by ELISA.