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Recombinant Human CD24 Protein-VLP

Catalog No.: RP00590 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	100133941	P25063-1

Tags
No Tag

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

Product Information

Source
HEK293 cells

Purification

Calculated MW
5.0 kDa

Observed MW

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

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

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
Recombinant Human CD24 Protein-VLP is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser27-Gly59) of Human CD24-VLP (Accession #P25063-1) fused with No Tag.

Bio-Activity

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

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

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

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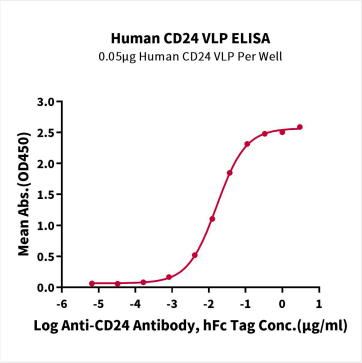
Validation Data



Immobilized Human CD24 VLP at 0.5 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC_{50} of 16.4ng/mL determined by ELISA.

For research use only. Not for therapeutic or diagnostic purposes.
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