

RP00574

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Recombinant Human CD24 Protein

Catalog No.: RP00574 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	100133941	P25063

Tags

N-GST

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE ; > 95% 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 freeze-thaw cycles.

Contact



www.abclonal.com

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 is produced by *E. coli* expression system. The target protein is expressed with sequence (Ser27-Gly59) of Human CD24 (Accession #P25063) fused with a N-GST tag at the N-terminus.

Bio-Activity

Storage

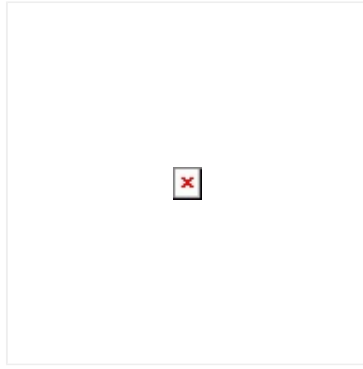
Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



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



Immobilized Human CD24, GST Tag at 0.5 $\mu\text{g}/\text{mL}$ (100 $\mu\text{L}/\text{Well}$) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC_{50} of 4.5 ng/mL determined by ELISA.