

Human CD24 Protein-VLP

Cat. No. CD2-HM124V



Description

Source	Recombinant Human CD24 Protein-VLP is expressed from Expi293. It contains Ser27-Gly59.
Accession	P25063-1
Molecular Weight	Human CD24 Protein has a predicted MW of 5.0 kDa.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

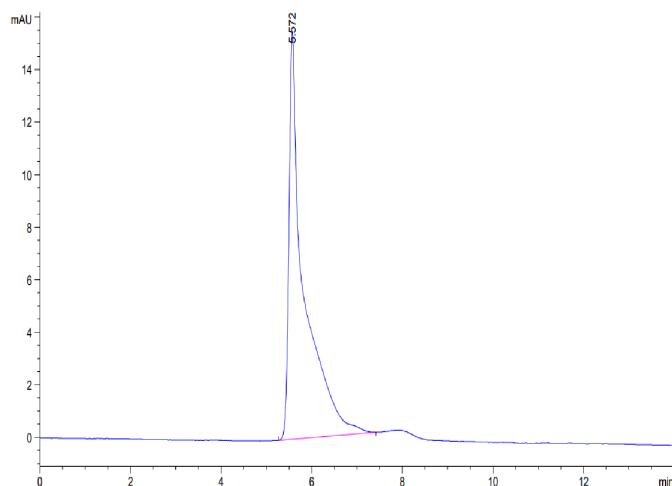
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended (usually we use 1mg/ml solution for lyophilization). Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-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.

Assay Data

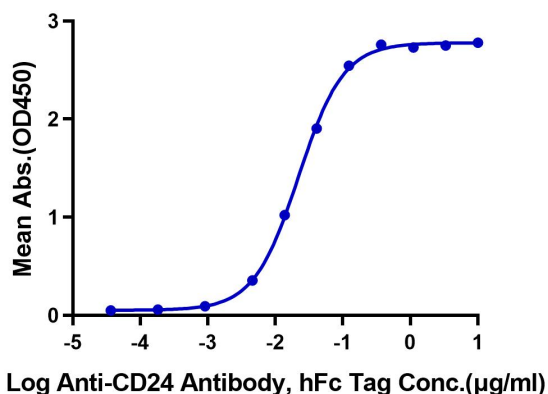
SEC-HPLC



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

ELISA Data

Human CD24 VLP ELISA
0.05µg Human CD24 VLP Per Well



Immobilized Human CD24 VLP at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC50 of 22.1ng/ml determined by ELISA.