

Biotinylated Cynomolgus CD24 Protein (Primary Amine Labeling)

Cat. No. CD2-CM224B

Description

Source	Recombinant Biotinylated Cynomolgus CD24 Protein (Primary Amine Labeling) is expressed from HEK293 with hFc tag at the C-Terminus. It contains Thr27-Lys54.
Accession	I7GKK1-1
Molecular Weight	The protein has a predicted MW of 30.2 kDa. Due to glycosylation, the protein migrates to 50-58 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

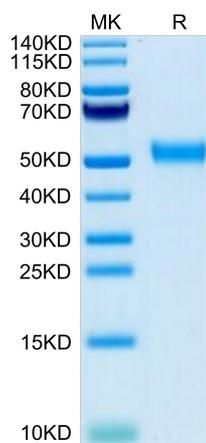
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled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

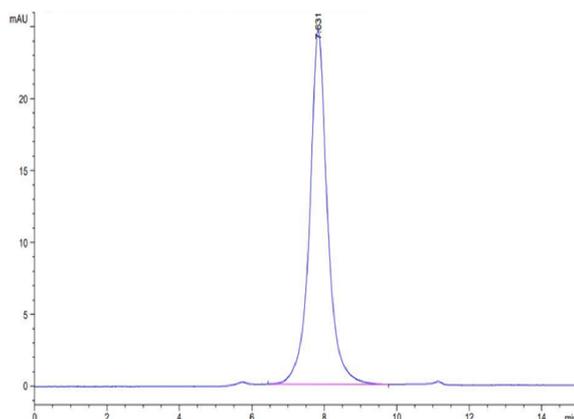
Assay Data

Bis-Tris PAGE



Biotinylated Cynomolgus CD24 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC



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