

Biotinylated Human CD24 Protein (Primary Amine Labeling)

Cat. No. CD2-HM224B

Description

Source	Recombinant Biotinylated Human CD24 Protein (Primary Amine Labeling) is expressed from HEK293 with hFc tag at the C-Terminus. It contains Ser27-Gly59.
Accession	P25063-1
Molecular Weight	The protein has a predicted MW of 29.9 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

Formulation and Storage

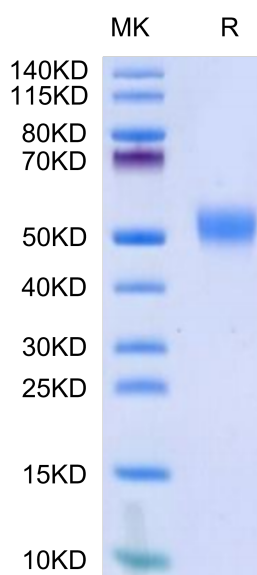
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4).
Storage	Valid for 12 months from date of receipt when stored at -80°C . Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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

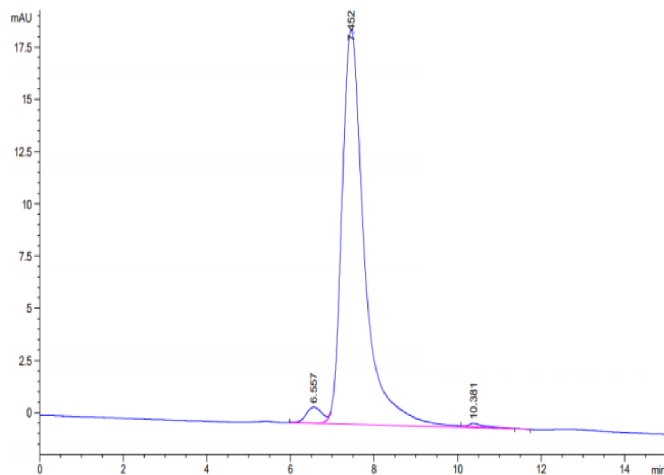
SEC-HPLC

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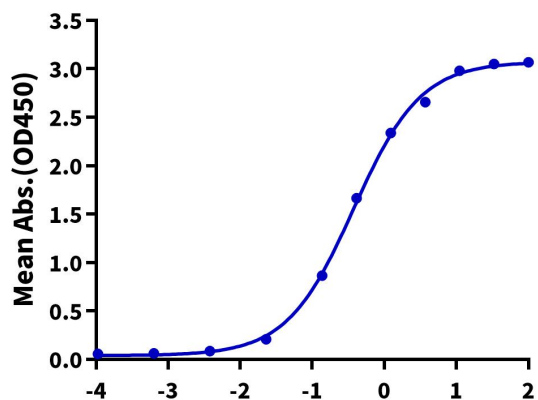


The purity of Biotinylated Human CD24 is greater than 95% as determined by SEC-HPLC.

ELISA Data

Biotinylated Human CD24, hFc Tag ELISA

0.2 μ g Anti-CD24 Antibody, hFc Tag Per Well



Immobilized Anti-CD24 Antibody, hFc Tag at 2 μ g/ml (100 μ l/well) on the plate. Dose response curve for Biotinylated Human CD24, hFc Tag with the EC₅₀ of 0.38 μ g/ml determined by ELISA.