

Cynomolgus CD24 Protein

Cat. No. CD2-CM224



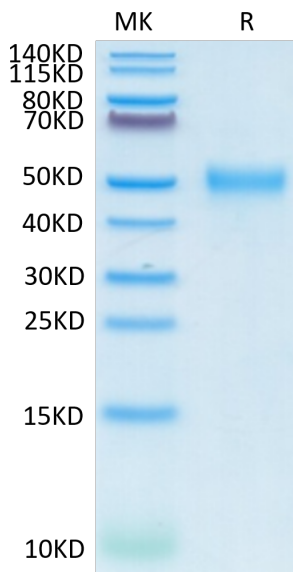
| Description      |  |
|------------------|--|
| Source           | Recombinant Cynomolgus CD24 Protein is expressed from HEK293 with hFc tag at the C-Terminus.<br>It contains Thr27-Lys54.           |
| Accession        | I7GKK1-1   |
| Molecular Weight | The protein has a predicted MW of 30.2 kDa. Due to glycosylation, the protein migrates to 45-60 kDa based on Bis-Tris PAGE result. |
| Endotoxin        | Less than 1 EU per µg by the LAL method.   |
| Purity           | > 95% as determined by Bis-Tris PAGE<br>> 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          | Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.   |
| 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

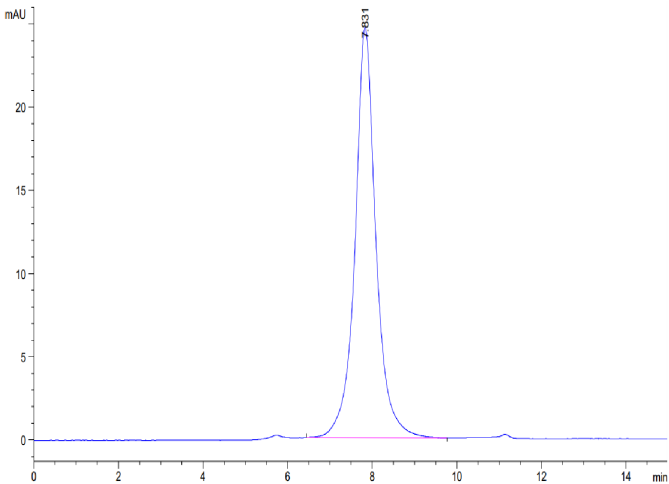
Bis-Tris PAGE



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

SEC-HPLC

Assay Data



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