

Datasheet for ABIN7454089

CD24 Protein (AA 27-59) (His-Avi Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD24
Protein Characteristics:	AA 27-59
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD24 protein is labelled with His-Avi Tag.

Product Details

Purpose:	Human CD24 Protein
Sequence:	Ser27-Gly59
Characteristics:	Recombinant Human CD24 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains Ser27-Gly59.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human CD24, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-CD24 Antibody, hFc Tag with the EC50 of 0.13µg/ml determined by ELISA. See testing image for detail.

Target Details

Target:	CD24
Alternative Name:	CD24 (CD24 Products)
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.
Molecular Weight:	6.5 kDa. Due to glycosylation, the protein migrates to 23-33 kDa based on Tris-Bis PAGE result.
UniProt:	P25063-1
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Activated T Cell Proliferation

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months