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Datasheet for ABIN7538165

## CD24 Protein (AA 27-52) (Fc Tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	CD24
Protein Characteristics:	AA 27-52
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD24 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Recombinant mouse CD24 protein with C-terminal human Fc tag
Specificity:	Mouse CD24 (Asn27-Arg52) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

#### Target Details

Target:	CD24
Alternative Name:	CD24 ( <a href="#">CD24 Products</a> )
Background:	Enables Hsp70 protein binding activity, Hsp90 protein binding activity, and carbohydrate

## Target Details

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binding activity. Involved in several processes, including chemokine receptor transport out of membrane raft, negative regulation of cytokine production, and regulation of inflammatory response to wounding. Acts upstream of or within several processes, including positive regulation of immune response, regulation of cell-cell adhesion, and regulation of lymphocyte activation. Located in cell projection membrane, external side of plasma membrane, and membrane raft. Is anchored component of external side of plasma membrane. Is expressed in several structures, including extraembryonic component, genitourinary system, hemolymphoid system, hindlimb, and retina. Human ortholog(s) of this gene implicated in multiple sclerosis. Orthologous to human CD24 (CD24 Molecule). [provided by Alliance of Genome Resources, Apr 2022]

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Molecular Weight: predicted molecular mass of 28.8 kDa after removal of the signal peptide. The apparent molecular mass of mCD24-hFc is 35-55 kDa due to glycosylation.

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UniProt: [P24807](#)

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Pathways: [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Activated T Cell Proliferation](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

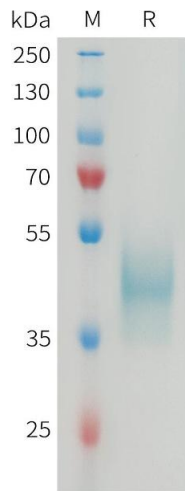
Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Mouse CD24 Protein, hFc Tag on SDS-PAGE under reducing condition.