



[Go to Product page](#)

Datasheet for ABIN7538166

CD24 Protein (AA 27-54) (Fc Tag)

1 Image

Overview

Quantity:	50 µg
Target:	CD24
Protein Characteristics:	AA 27-54
Origin:	Cynomolgus
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD24 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Cynomolgus CD24 protein with C-terminal human Fc tag
Specificity:	CD24 (Thr27-Lys54) 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 (CD24 Products)
Background:	This gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells

Target Details

and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

Molecular Weight: predicted molecular mass of 29.0 kDa after removal of the signal peptide. The apparent molecular mass of cCD24-hFc is 35-55 kDa due to glycosylation.

UniProt: [I7GKK1](#)

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

Application Details

Restrictions: For Research Use only

Handling

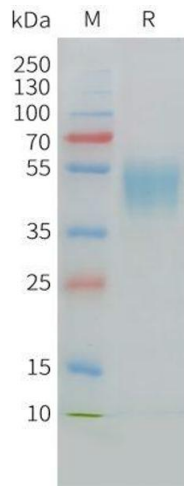
Format: Lyophilized

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.

Expiry Date: 12 months



SDS-PAGE

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