

Datasheet for ABIN7319777
CD52 Protein (CD52) (Biotin)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	CD52
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD52 protein is labelled with Biotin.

Product Details

Purpose:	Recombinant Human CD52 (C-Fc-Avi) Biotinylated
Sequence:	Gly25-Ser36
Characteristics:	Biotinylated Recombinant Human CAMPATH-1 Antigen is produced by our Mammalian expression system and the target gene encoding Gly25-Ser36 is expressed with a Fc, Avi tag at the C-terminus.
Purity:	>95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CD52
Alternative Name:	CD52 (CD52 Products)
Background:	Background: CD52, also known as CAMPATH-1 antigen, HE5, and gp20, is a cell surface glycoprotein that can be targeted to induce immune suppression by complement-mediated cell

Target Details

lysis. CD52 is expressed on lymphocytes, monocytes, monocyte-derived dendritic cells, eosinophils, and neutrophils, as well as on mature spermatozoa and epithelial cells lining the male genital tract. From the clinical point of view this protein is an important target for therapeutic interventions aimed at leukocyte depletion in hematological malignancies and post-transplant immunosuppression. CD52 / CDW52 may play a role in carrying and orienting carbohydrate. It is an unusually good target for complement-mediated cell lysis.

Synonym: CAMPATH-1 antigen, CAMPATH-1, CD52 antigen, CD52 Molecule, CD52, CDw52, Epididymal secretory protein E5, He5, HEL-S-171mP, Human epididymis-specific protein 5

Molecular Weight:	30.2 kDa
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UniProt:	P31358
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Application Details

Comment:	38-50 kDa
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Restrictions:	For Research Use only
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Handling

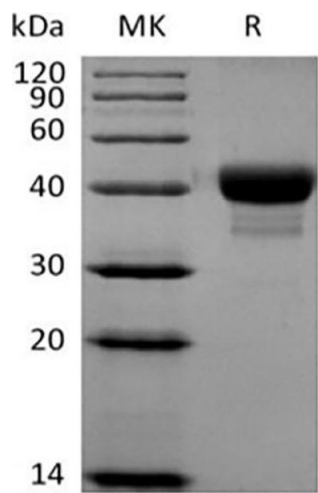
Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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Western Blotting

Image 1.