

## Datasheet for ABIN7519799

### CD52 Protein (CD52) (Fc Tag)

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#### Overview

Quantity:	20 µg
Target:	CD52
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD52 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Active Recombinant Mouse CD52 Protein
Sequence:	GQATTAASGT NKNSTSTKKT PLKS
Specificity:	Gly24-Ser47
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg

#### Target Details

Target:	CD52
Alternative Name:	CD52 ( <a href="#">CD52 Products</a> )
Background:	Description: CD52/CDW52 is a small glycosylphosphatidylinositol (GPI) anchored glycoprotein. It has a mature peptide comprising only 12 amino acids and is abundantly expressed on human

## Target Details

lymphocytes. 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.

Name: CDW52,HE5,CD52,CAMPATH-1 antigen,CD52

Gene ID: 23833

UniProt: [Q64389](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.