

Datasheet for ABIN7519800

CD52 Protein (CD52) (Fc Tag,AVI tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD52
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD52 protein is labelled with Fc Tag,AVI tag.

Product Details

Purpose:	Active Recombinant Human CD52 Protein
Sequence:	GQNDTSQTSS PS
Specificity:	Gly25-Ser36
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.1EU/µg
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human CD52 Protein at 5 µg/mL (100 µL/well) can bind SIGLEC10 with a linear range of 20.49-455.65ng/mL.

Target Details

Target:	CD52
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Target Details

Alternative Name:	CD52 (CD52 Products)
Background:	<p>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 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.</p> <p>Name: CD52,CDW52,EDDM5</p>
Gene ID:	1043
UniProt:	P31358

Application Details

Restrictions:	For Research Use only
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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 long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.