

Datasheet for ABIN6253630

CD52 Protein (CD52) (AA 25-36) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	CD52
Protein Characteristics:	AA 25-36
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD52 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 25-36
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD52
Alternative Name:	CD52 (CD52 Products)
Background:	CAMPATH-1 antigen, also known as cluster of differentiation 52 (CD52), is a glycoprotein that in humans is encoded by the CD52 gene. It is widely expressed on the cell surface of immune cells, such as mature lymphocytes, natural killer cells (NK), eosinophils, neutrophils, monocytes/macrophages, and dendritic cells (DCs).ligation of cell surface CD52 Molecules

Target Details

may offer costimulatory signals for T-cell activation and proliferation.

Molecular Weight: 27.9 kDa

NCBI Accession: [NP_001794](#)

Application Details

Restrictions: For Research Use only

Handling

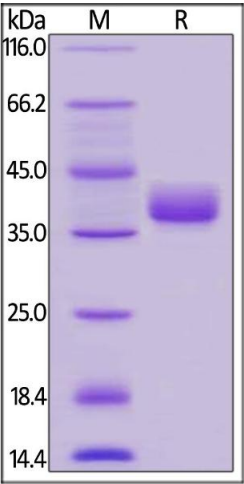
Format: Lyophilized

Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

Handling Advice: Please avoid repeated freeze-thaw cycles.

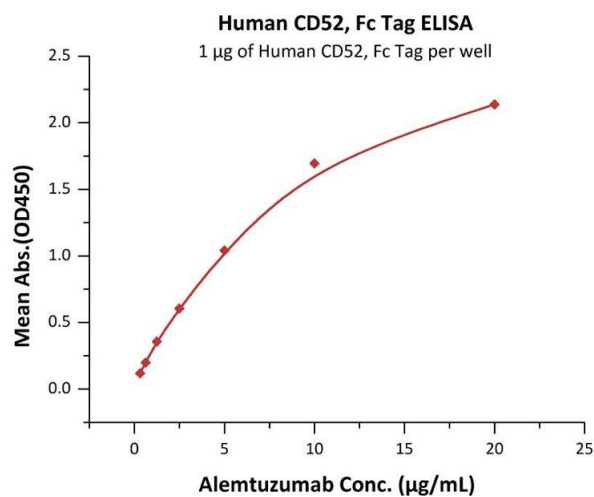
Storage: -20 °C

Images



SDS-PAGE

Image 1. Human CD52, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .



ELISA

Image 2. Immobilized Human CD52, Fc Tag (ABIN5954986,ABIN6253630) at 10 µg/mL (100 µL/well) can bind Alemtuzumab with a linear range of 0.313-10 µg/mL (QC tested).