

Datasheet for ABIN7274207

CD52 Protein (CD52) (AA 24-47) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CD52
Protein Characteristics:	AA 24-47
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD52 protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse CD52 Protein
Sequence:	Gly24-Ser47
Characteristics:	Recombinant Mouse CD52 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Gly24-Ser47.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	CD52
Alternative Name:	CD52 (CD52 Products)

Target Details

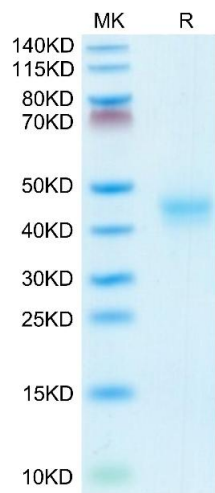
Background:	CD52, also known as CAMPATH-1 antigen, HE5, and gp20, is a cell surface glycoprotein that can be targeted to induce immune suppression by complement-mediated cell lysis. Mature human CD52 is a 12 amino acid peptide that is tethered to the cell surface with a GPI linkage. CD52 may play a role in carrying and orienting carbohydrate, as well as having a more specific role.
Molecular Weight:	29.1 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
UniProt:	Q64389

Application Details

Restrictions:	For Research Use only
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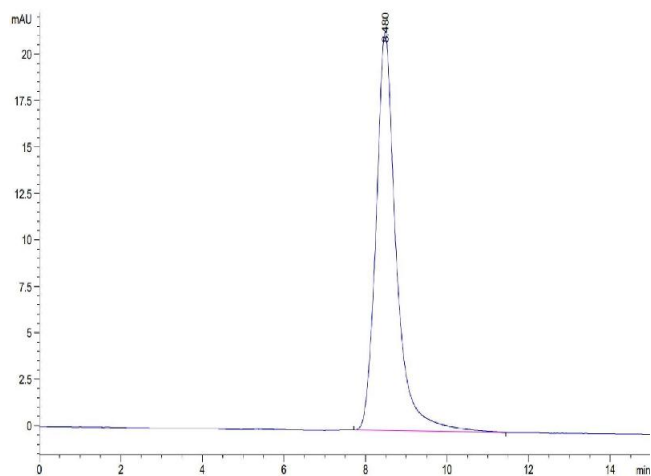
Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse CD52 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse CD52 is greater than 95 % as determined by SEC-HPLC.