

## Recombinant Mouse Cd52 protein, Fc-tagged

Cat. No. Cd52-394M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Cd52(Met1-Lys46) fused with Fc region of human IgG1 at C-terminal was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys46
<b>Predicted N Terminal</b>	Gly 24
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.1. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.2. Please contact us for any concerns or special requirements.
<b>Molecular Mass</b>	The recombinant mouse Cd52 consists 261 amino acids and predicts a molecular mass of 29 kDa.
<b>Endotoxin</b>	<1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade
<b>Storage</b>	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is

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recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	Cd52 CD52 antigen [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Cd52
<b>Synonyms</b>	CD52; CD52 antigen; CAMPATH-1 antigen; lymphocyte differentiation antigen B7; B7; MB7; CLS1; B7-Ag; AI463198; CAMPATH-1;
<b>Gene ID</b>	23833
<b>mRNA Refseq</b>	NM_013706
<b>Protein Refseq</b>	NP_038734
<b>MIM</b>	
<b>UniProt ID</b>	Q64389
<b>Chromosome Location</b>	4 D3; 4 66.5 cM
<b>Pathway</b>	Macrophage markers, organism-specific biosystem

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