

Recombinant Rat Cd52 Protein, Fc-tagged, FITC conjugated

Cat. No. Cd52-7479RF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | FITC conjugated recombinant Rat Cd52 (Q63064) (Met1-Ala69), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | 287 |
| Form | Lyophilized |
| Molecular Mass | The recombinant rat CD52/Fc is a disulfide-linked homodimer. The reduced monomer comprises 287 amino acids and has a predicted molecular mass of 31.4 kDa. The apparent molecular mass of the protein is approximately 53 kDa in SDS-PAGE under reducing conditions. |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Characteristic | Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |

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| Storage | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | FITC |

GENE INFORMATION

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|------------------------|---|
| Gene Name | Cd52 CD52 antigen [Rattus norvegicus] |
| Official Symbol | Cd52 |
| Gene ID | 117054 |
| mRNA Refseq | NM_053983 |
| Protein Refseq | NP_446435 |

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