

Recombinant Rat Cd38 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Cd38-8742RAF555 Lot. No. (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant Rat Cd38 (Q64244) (Trp45-Val303), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Rat

Source HEK293

ProteinLength 500

Form Lyophilized

Molecular Mass The recombinant rat CD38 /Fc is a disulfide-linked homodimer. The reduced monomer comprises 500 amino acids and has a predicted molecular mass of 56.7 kDa. The apparent molecular mass of the protein is approximately 67 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 Alexa Fluor 555 via amines
With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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|-----------------------|---|
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| 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 | Alexa Fluor 555 |

GENE INFORMATION

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|------------------------|--|
| Gene Name | Cd38 CD38 molecule [Rattus norvegicus] |
| Official Symbol | Cd38 |
| Gene ID | 25668 |
| mRNA Refseq | NM_013127 |
| Protein Refseq | NP_037259 |

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