Recombinant Rat Cd38 Protein, Fc-tagged, FITC conjugated

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

SPECIFICATION

Product Overview	FITC 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 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

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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