Recombinant Monkey CD38 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. CD38-1185CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Monkey CD38 (Q5VAN0) (Leu44-Ile301) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	499
Form	Lyophilized
Molecular Mass	56.9 kDa
N-terminal Sequence Analysis	Leu 44
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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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 sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 μg/μL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	CD38 CD38 molecule [Macaca fascicularis]
Official Symbol	CD38
Synonyms	ADPRC 1; 2''-phospho-ADP-ribosyl cyclase; 2''-phospho-ADP-ribosyl cyclase/2''-phospho-cyclic-ADP-ribose transferase; 2''-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; CD38 antigen; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1
Gene ID	102126394
mRNA Refseq	NM_001287277
Protein Refseq	NP_001274206
UniProt ID	Q5VAN0

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