

# 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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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4, 5%-8% trehalose and mannitol.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 488

## GENE INFORMATION

<b>Gene Name</b>	CD38 CD38 molecule [ <i>Macaca fascicularis</i> ]
<b>Official Symbol</b>	CD38
<b>Synonyms</b>	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
<b>Gene ID</b>	102126394
<b>mRNA Refseq</b>	NM_001287277
<b>Protein Refseq</b>	NP_001274206
<b>UniProt ID</b>	Q5VAN0

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