

Recombinant Monkey CD86 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. CD86-138CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Monkey CD86 (Q9BDM4) (Met1-His239), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Monkey
Source	HEK293
ProteinLength	461
Form	Lyophilized
Molecular Mass	The recombinant cynomolgus CD86 is a disulfide-linked homodimer. The reduced monomer comprises 461 amino acids and has a calculated molecular mass of 52.2 kDa. The apparent molecular mass of the protein is approximately 76-86 and 34 kDa respectively in SDS
N-terminal Sequence Analysis	Leu 20
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	(87.0±5.3) % as determined by SDS-PAGE

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Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
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 488

GENE INFORMATION

Gene Name	CD86 centigrade D86 molecule [Macaca fascicularis(crab-eating macaque)]
Official Symbol	CD86
Gene ID	102147235
mRNA Refseq	XM_005547999
Protein Refseq	XP_005548056

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