Recombinant Monkey CD40LG Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. CD40LG-69CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Monkey CD40LG (F6Q0N6) (Met113-Leu261), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.
Species	Monkey
Source	HEK293
ProteinLength	409
Form	Lyophilized
Molecular Mass	The recombinant cynomolgus CD40LG is a disulfide-linked homodimer. The reduced monomer comprises 409 amino acids and has a calculated molecular mass of 44.7 kDa.The apparent molecular mass of the protein is approximately 54 kDa respectively in SDS-PAGE.
N-terminal Sequence Analysis	Glu
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 85 % 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	CD40LG CD40 ligand [Macaca fascicularis (crab-eating macaque)]
Official Symbol	CD40LG
Gene ID	102138630
mRNA Refseq	XM_005594705
Protein Refseq	XP_005594762

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