

# Recombinant Monkey CD40LG Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** CD40LG-69CAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant Monkey CD40LG (F6Q0N6) (Met113-Leu261), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	409
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	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.
<b>N-terminal Sequence Analysis</b>	Glu
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 85 % as determined by SDS-PAGE

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<b>Characteristic</b>	<p>Disulfide-linked homodimer</p> <p>Labeled with Alexa Fluor 555 via amines</p> <p>With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.</p>
<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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	CD40LG CD40 ligand [ <i>Macaca fascicularis</i> (crab-eating macaque) ]
<b>Official Symbol</b>	CD40LG
<b>Gene ID</b>	102138630
<b>mRNA Refseq</b>	XM_005594705
<b>Protein Refseq</b>	XP_005594762

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