Recombinant Rat Cd40lg Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Cd40lg-545RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Rat Cd40lg (NP_445805) (Gly115-Leu260), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.
Species	Rat
Source	HEK293
ProteinLength	406
Form	Lyophilized
Molecular Mass	The recombinant rat CD40LG comprises 406 amino acids and predicts a molecular mass of 44.4 kDa. The apparent molecular mass of the recombinant protein is approximately 53 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 80 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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, pH7.4.
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 647

GENE INFORMATION

Gene Name	Cd40lg CD40 ligand [Rattus norvegicus]
Official Symbol	Cd40lg
Gene ID	84349
mRNA Refseq	NM_053353
Protein Refseq	NP_445805

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