

Recombinant Mouse CD28 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

Cat. No. CD28-640MAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant Mouse CD28 precursor extracellular domain (Met 1-Lys 149) (NP_031668.3), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Mouse

Source HEK293

ProteinLength 378

Form Lyophilized

Molecular Mass The recombinant mouse CD28/Fc is a disulfide-linked homodimer after removal of the signal peptide. The reduced monomer consists of 378 amino acids and has a predicted molecular mass of 43 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm CD28/Fc monomer is approximately 55-60 kDa due to glycosylation.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

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, pH 7.4
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	Cd28 CD28 antigen [Mus musculus]
Official Symbol	CD28
Gene ID	12487
mRNA Refseq	NM_007642
Protein Refseq	NP_031668

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