

Recombinant Rat Cd80 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Cd80-1068RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant rat Cd80 (AAB60503.1) (Met1-Gln248) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	451
Form	Lyophilized
Molecular Mass	51 kDa
N-terminal Sequence Analysis	Ile 39
Endotoxin	< 1.0 EU/ µg of the protein as determined by the LAL method.
Purity	> 95 % 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, pH 7.4, 5%-8% trehalose and mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 µg/µL. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
Conjugation	Alexa Fluor 647

GENE INFORMATION

Gene Name	Cd80 Cd80 molecule [Rattus norvegicus]
Official Symbol	Cd80
Synonyms	CD80; Cd80 molecule; T-lymphocyte activation antigen CD80; CD80 antigen; Cd80 a rat homolog of the human CD28/CTLA - 4 ligand (B7-1); B7-1;
Gene ID	25408
mRNA Refseq	NM_012926
Protein Refseq	NP_037058

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