Recombinant Rat CD28 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. CD28-1099RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant rat Cd28 (EDL98926.1) (Met1-Lys149) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	371
Form	Lyophilized
Molecular Mass	42 kDa
N-terminal Sequence Analysis	Asn 20
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines 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

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	TRITC/Cy3 filters.
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 555

GENE INFORMATION

Gene Name	Cd28 Cd28 molecule [Rattus norvegicus]
Official Symbol	CD28
Synonyms	CD28; Cd28 molecule; T-cell-specific surface glycoprotein CD28; CD28 antigen; CD28RNA;
Gene ID	25660
mRNA Refseq	NM_013121
Protein Refseq	NP_037253

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