

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

Cat. No. CD28-1204CAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Monkey CD28 [(Identical to the rhesus CD28 (NP_001036106.2)) (Met1-Pro152) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Monkey
Source	HEK293
ProteinLength	372
Form	Lyophilized
Molecular Mass	41.9 kDa
N-terminal Sequence Analysis	Asn 19
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

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	efficiently excited using a 543 nm He-Ne laser line and detected under standard 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 [<i>Macaca fascicularis</i>]
Official Symbol	CD28
Synonyms	MFASCD28-P; CD28 precursor 6m; CD28 precursor P; MFASCD28-6m; hypothetical protein
Gene ID	102146670
mRNA Refseq	NM_001287333
Protein Refseq	NP_001274262

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