

# Recombinant Human CD28 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** CD28-3909HAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 555 conjugated recombinant human CD28 (P10747-1) isoform 1 extracellular domain (Met 1-Pro 152), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	375
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human CD28/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 375 amino acids and predicts a molecular mass of 42 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD28/Fc monomer is approximately 55-65 kDa due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	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 TRITC/Cy3 filters.

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	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.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	CD28 CD28 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD28
<b>Gene ID</b>	940
<b>mRNA Refseq</b>	NM_001243077
<b>Protein Refseq</b>	NP_001230006
<b>MIM</b>	186760
<b>UniProt ID</b>	P10747

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