Recombinant Human CD86 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. CD86-2228HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human CD86 extracellular domain (Met 1-His 239) (NP_008820.2), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	228
Form	Lyophilized
Molecular Mass	The recombinant human B7-2 consists of 228 amino acids and has a predicted molecular mass of 26.2 kDa. In SDS-PAGE, the apparent molecular mass of rhB7-2 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 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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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 555

GENE INFORMATION

Gene Name	CD86 CD86 molecule [Homo sapiens]
Official Symbol	CD86
Gene ID	942
mRNA Refseq	NM_001206924
Protein Refseq	NP_001193853
MIM	601020
UniProt ID	P42081

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