

# 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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

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