

## Active GMP Recombinant Human CD86 protein

Cat. No. CD86-109HG Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	GMP Recombinant Human CD86 protein(NP_001193853)(221 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	DNA sequence encoding Human B7-2(GenBank: AAH40261.1) was expressed with His tag at the C-terminal.
<b>Form</b>	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
<b>Bio-activity</b>	The linear range of immobilized Human B7-2 (His Tag) at 5ug/mL(100 uL/well) that can bind to human CTLA-4(Fc Tag) is 20-200ng/mL.
<b>Molecular Mass</b>	Recombinant Human CD86 protein contains 221 aa. It has a predicted MW of 27.2 kDa.
<b>Endotoxin</b>	<0.1EU/ug
<b>Purity</b>	>=95% by SDS-PAGE and HPLC
<b>Storage</b>	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

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**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	CD86 CD86 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD86
<b>Synonyms</b>	CD86; B7-2; B70; CD28LG2; LAB72; MGC34413
<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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