

Active GMP Recombinant Human CD86 protein

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human B7-2(GenBank: AAH40261.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	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.
Molecular Mass	Recombinant Human CD86 protein contains 221 aa. It has a predicted MW of 27.2 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	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

Gene Name	CD86 CD86 molecule [Homo sapiens]
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Official Symbol	CD86
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Synonyms	CD86; B7-2; B70; CD28LG2; LAB72; MGC34413
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Gene ID	942
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mRNA Refseq	NM_001206924
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Protein Refseq	NP_001193853
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MIM	601020
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UniProt ID	P42081
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