

Active Recombinant Human CD86 protein, hFc-tagged, Low Endotoxin

Cat. No. CD86-2903H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD86 protein(P42081-1)(Leu26-Pro247), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-247 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CTLA-4, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Human B7-2, hFc Tag with the EC50 of 125.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 52 kDa. Due to glycosylation, the protein migrates to 75-90 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name CD86 CD86 molecule [Homo sapiens]

Official Symbol CD86

Synonyms CD86; CD86 molecule; CD28LG2, CD86 antigen (CD28 antigen ligand 2, B7 2 antigen); T-lymphocyte activation antigen CD86; B lymphocyte antigen B7 2; B7 2; B7.2; BU63; FUN-1; CTLA-4 counter-receptor B7.2; B-lymphocyte activation antigen B7-2; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen); B70; B7-2; LAB72; CD28LG2; MGC34413;

Gene ID 942

mRNA Refseq NM_001206924

Protein Refseq NP_001193853

MIM 601020

UniProt ID P42081

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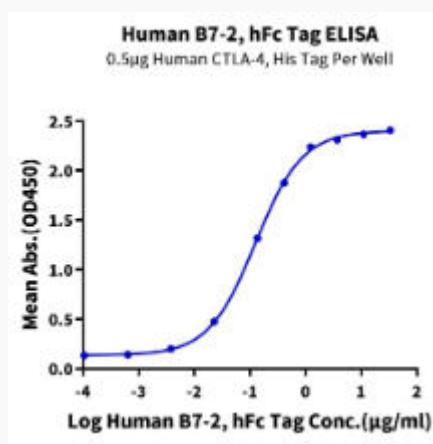
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Bis-Tris PAGE



ELISA Data



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