

Active Recombinant Human CD86 protein, His-tagged

Cat. No. CD86-111H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD86 protein(Leu26-Pro247), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	26-247 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human CD86 at 2 µg/mL (100 µL/well) can bind Recombinant Human CTLA-4 with a linear range of 10-40 ng/mL.
Molecular Mass	26.22 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

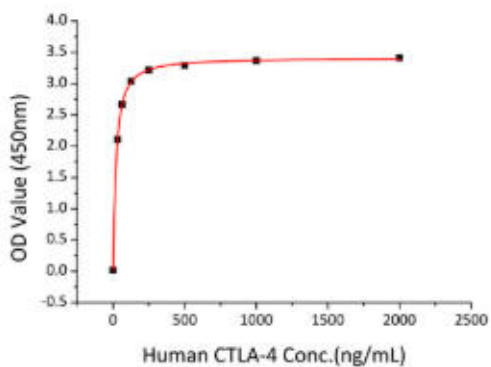
UniProt ID [P42081](#)

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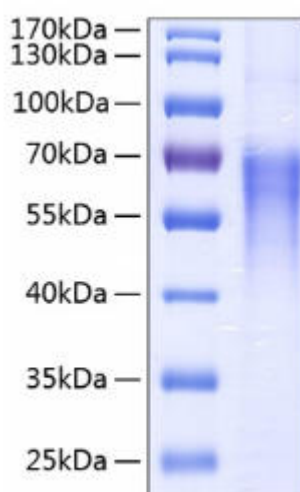
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Activity



SDS-PAGE



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