

Active Recombinant Human CD86 protein, His-tagged

Cat. No. CD86-2228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CD86 protein(Met 1-His 239)(NP_008820.2) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-239 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human CD86 at 20 µg/ml (100 µl/well) can bind human CD28 with a linear ranger of 32-800 ng/ml.
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 per µg of the protein as determined by the LAL method.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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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 \[Homo sapiens \]](#)

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](#)

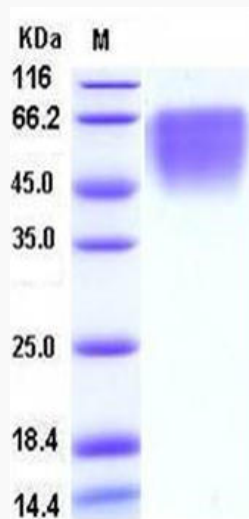
UniProt ID [P42081](#)

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SDS-PAGE



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