

## Recombinant Human CD86 protein, His-tagged, Biotinylated

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD86 protein extracellular domain (NP_008820.2) (Met1-His239), fused with a polyhistidine tag at the C-terminus, was expressed in HEK293 Cells. The purified protein was biotinylated in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-239 a.a.
<b>Predicted N Terminal</b>	Leu 20
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 5% trehalose, 5% mannitol and 0.01% Tween80.
<b>Molecular Mass</b>	The recombinant human B7-2 consists of 228 amino acids and predicts a molecular mass of 26.2 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Shipping</b>	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	CD86 CD86 molecule [ Homo sapiens ]
<b>Official Symbol</b>	CD86
<b>Synonyms</b>	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;
<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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