

## Recombinant Human CD86 Protein, DDK/His-tagged

Cat. No. CD86-112H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CD86(Leu20 – Pro239), transcript variant 1, fused with DDK/His tag at C-terminal was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu20 – Pro239
<b>Description</b>	<p>This gene encodes a type I membrane protein that is a member of the immunoglobulin superfamily. This protein is expressed by antigen-presenting cells, and it is the ligand for two proteins at the cell surface of T cells, CD28 antigen and cytotoxic T-lymphocyte-associated protein 4. Binding of this protein with CD28 antigen is a costimulatory signal for activation of the T-cell. Binding of this protein with cytotoxic T-lymphocyte-associated protein 4 negatively regulates T-cell activation and diminishes the immune response. Alternative splicing results in several transcript variants encoding different isoforms.</p>
<b>Form</b>	1 x PBS, pH7.4, 10% glycerol.
<b>Molecular Mass</b>	27 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## 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\_175862

**Protein Refseq** NP\_787058

**MIM** 601020

**UniProt ID** P42081

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