

Recombinant Full Length Human CD86 Protein

Cat. No. CD86-68HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CD86 with proprietary tag, 62.26kDa inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	329 amino acids
Description	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.
Form	Liquid
Molecular Mass	62.260kDa inclusive of tags
AA Sequence	MDPQCTMGLSNILFVMAFLLSGAAPLKIQAYFNETADLPC QFANSQNQSLSELVVF WQDQENLVLNEVYLGKEKFDSV HSKYMGRTSFDSDSWTLRLHNLQIKDKGLYQCII HHKKPT GMIRIHQMNSELSVLNFSQPEIVPISNITENVYINLT CSSIHGYPEPKMS VLLRTKNSTIEYDGIMQKSQDNVTEL YDVSISLSVSFPDVTSNMTIFCILETDKTRLLS

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SPFSI ELEDPPPPDHIPWITAVLPTVIICVMVFCLILWKWKKKK RPRNSYKCGTNT
MEREESEQTKKREKIHIPERSDETQR VFKSSKTSSCDKSDTCF

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 942

mRNA Refseq NM_001206924

Protein Refseq NP_001193853

MIM 601020

UniProt ID P42081

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