

## Recombinant Mouse CD86 Protein (ECD), His-tagged(C-ter)

Cat. No. Cd86-40M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse CD86 Protein (ECD) with His tag (C-ter) was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Val24-Glu245
<b>Description</b>	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. [provided by RefSeq, May 2011]
<b>Form</b>	Powder
<b>Endotoxin</b>	Endotoxin level is less than 0.1 EU/μg of the protein, as determined by the LAL test.
<b>Purity</b>	> 97% (by SDS-PAGE)
<b>Applications</b>	Binding, SDS-PAGE

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<b>Notes</b>	For laboratory research only, not for drug, diagnostic or other use.
<b>Storage</b>	Lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C for up to one month, at 2-8°C for up to one week. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
<b>Storage Buffer</b>	PBS (pH 7.4)
<b>Reconstitution</b>	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.

## GENE INFORMATION

<b>Gene Name</b>	Cd86 CD86 antigen [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Cd86
<b>Synonyms</b>	CD86; CD86 antigen; T-lymphocyte activation antigen CD86; activation B7-2 antigen; early T cell costimulatory molecule-1; early T-cell costimulatory molecule 1; B7; B70; MB7; B7-2; B7.2; CLS1; Ly58; ETC-1; Ly-58; MB7-2; Cd28l2; TS/A-2;
<b>Gene ID</b>	12524
<b>mRNA Refseq</b>	NM_019388
<b>Protein Refseq</b>	NP_062261

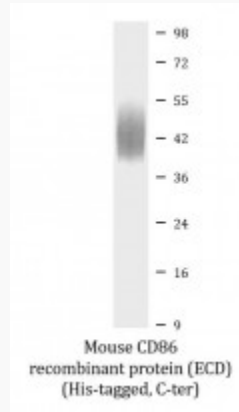
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**SDS-PAGE**



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