

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

Cat. No. Cd86-39M **Lot. No.** (See product label)

SPECIFICATION

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

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Notes	For laboratory research only, not for drug, diagnostic or other use.
Storage	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.
Storage Buffer	PBS (pH 7.4)
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/ml in sterile distilled water.

GENE INFORMATION

Gene Name	Cd86 CD86 antigen [<i>Mus musculus</i>]
Official Symbol	Cd86
Synonyms	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;
Gene ID	12524
mRNA Refseq	NM_019388
Protein Refseq	NP_062261

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SDS-PAGE



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