

Active Recombinant Mouse CD86, MlgG2a Fc-tagged

Cat. No. CD86-365M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of mouse CD86 [B7-2] (NP_062261.3) (Val26-Glu245) is fused to the N-terminus of the Fc region of mouse IgG2a.
Species	Mouse
Source	CHO
ProteinLength	26-245 a.a.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its ability to induce IL-2 secretion by Jurkat human acute T cell leukemia cells.
Molecular Mass	51 KDa (monomer)
AA Sequence	Val26-Glu245
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="" test.="">
Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.

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Reconstitution Reconstitute at 100µg/ml in sterile PBS.

Warning Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name Cd86 CD86 antigen [*Mus musculus*]

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

Pathway Adaptive Immune System, organism-specific biosystem; Allograft rejection, organism-specific biosystem; Allograft rejection, conserved biosystem; Autoimmune thyroid disease, organism-specific biosystem; Autoimmune thyroid disease, conserved biosystem; CD28 co-stimulation, organism-specific biosystem; CD28 dependent PI3K/Akt signaling, organism-specific biosystem;

Function receptor activity; receptor binding;

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