

## Active Recombinant Mouse CD80, MlgG2a Fc-tagged

Cat. No. CD80-626M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of mouse CD80 [B7-1] (NP_033985.3) (Asp37 - Lys245) is fused to the N-terminus of the Fc region of mouse IgG2a.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	37-245 a.a.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its ability to induce IL-2 secretion by Jurkat human acute T cell leukemia cells.
<b>Molecular Mass</b>	50 KDa (monomer)
<b>AA Sequence</b>	Asp37 - Lys245
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="" test.="">
<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions.
<b>Stability</b>	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** [Cd80 CD80 antigen \[ Mus musculus \]](#)

**Official Symbol** CD80

**Synonyms** CD80; CD80 antigen; T-lymphocyte activation antigen CD80; B7 protein; activation B7-1 antigen; B71; Ly53; TSA1; Cd28l; Ly-53; MIC17;

**Gene ID** [12519](#)

**mRNA Refseq** [NM\\_009855](#)

**Protein Refseq** [NP\\_033985](#)

**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** protein binding; receptor activity;

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