

## Recombinant Mouse Cd80 Protein, MYC/DDK-tagged

Cat. No. Cd80-848M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse CD80 antigen (Cd80), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Involved in the costimulatory signal essential for T lymphocytes activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.
<b>Molecular Mass</b>	35 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 g/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Cd80 CD80 antigen [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Cd80
<b>Synonyms</b>	Cd80; CD80 antigen; B71; Ly53; TSA1; Cd28I; Ly-53; MIC17; T-lymphocyte activation antigen CD80; B7 protein; activation B7-1 antigen
<b>Gene ID</b>	12519
<b>mRNA Refseq</b>	NM_009855
<b>Protein Refseq</b>	NP_033985
<b>UniProt ID</b>	Q00609

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