

## Active Recombinant Rat Cd86 Protein, Fc Chimera

Cat. No. Cd86-960R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Cd86 (Accession # O35531), fused with , was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Rat
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Val29
<b>Form</b>	Lyophilized from a 0.2 µ 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. Freeman, G.J. et al. (1993) Science 262:909. The ED50 for this effect is typically 0.075-0.3 µg/mL in the presence of PHA.
<b>Molecular Mass</b>	Recombinant Rat Cd86, Fc Chimera has a calculated MW of 52 kDa (monomer). In SDS-PAGE migrates as 80-100 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

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<b>Gene Name</b>	Cd86 CD86 molecule [ <i>Rattus norvegicus</i> ]
<b>Official Symbol</b>	Cd86
<b>Synonyms</b>	CD86; CD86 molecule; T-lymphocyte activation antigen CD86; cd86 antigen; membrane glycoprotein; B7-2;
<b>Gene ID</b>	56822
<b>mRNA Refseq</b>	NM_020081
<b>Protein Refseq</b>	NP_064466
<b>MIM</b>	

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