

Active Recombinant Rat Cd86 Protein, Fc Chimera

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

SPECIFICATION

Product Overview	Recombinant Rat Cd86 (Accession # O35531), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	Val29
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Rat Cd86, Fc Chimera has a calculated MW of 52 kDa (monomer). In SDS-PAGE migrates as 80-100 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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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Gene Name	Cd86 CD86 molecule [Rattus norvegicus]
Official Symbol	Cd86
Synonyms	CD86; CD86 molecule; T-lymphocyte activation antigen CD86; cd86 antigen; membrane glycoprotein; B7-2;
Gene ID	56822
mRNA Refseq	NM_020081
Protein Refseq	NP_064466
MIM	

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