

Active Recombinant Rat Cd80, Fc Chimera

Cat. No. Cd80-217R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Cd80 (Accession # AAB60503) was produced in Mouse myeloma cell line, NS0-derived.
Species	Rat
Source	Mammalian Cells
Predicted N Terminal	Ile39
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 0.1 - 0.4 µg/mL in the presence of PHA.
Molecular Mass	Recombinant Rat Cd80, Fc Chimera has a calculated MW of 50.5 kDa (monomer). In SDS-PAGE migrates as 80-90 kDa, reducing conditions.
Purity	>90%, 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	Cd80 Cd80 molecule [Rattus norvegicus]
Official Symbol	Cd80
Synonyms	CD80; Cd80 molecule; T-lymphocyte activation antigen CD80; CD80 antigen; Cd80 a rat homolog of the human CD28/CTLA - 4 ligand (B7-1); B7-1;
Gene ID	25408
mRNA Refseq	NM_012926
Protein Refseq	NP_037058
MIM	

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