

Recombinant Rat Cd80 Protein, Fc-tagged

Cat. No. Cd80-1068R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant rat Cd80 (AAB60503.1) (Met1-Gln248) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-248 a.a.
Predicted N Terminal	Ile 39
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rat Cd80 consists 451 amino acids and predicts a molecular mass of 51 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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

UniProt ID

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

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