

## Active Recombinant Rat CD80 protein, His-tagged

**Cat. No.** CD80-1874R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat CD80 protein(Ile 39 - Gln 248), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ile 39 - Gln 248
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with Trehalose as protectant.
<b>Bio-activity</b>	Immobilized Mouse ICOS (C137S, C138S), His Tag at 5 µg/mL (100 µL/well) can bind Rat B7-H2, Fc Tag with a linear range of 0.6-39 ng/mL.
<b>Molecular Mass</b>	25.8 kDa
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

-70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 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](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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